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File 348:EUROPEAN PATENTS 1978-2003/Oct W01
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002
        (c) 2003 WIPO/Univentio
? ds

Set      Items     Description
S1      771919     RANK??? ? OR WEIGH??? ? OR RATE OR RATES OR RATING? OR RAT-
                   ED OR SCORE OR SCORES OR SCORED OR SCORING? OR VALUATION?
S2        7739     PRIORITIS? OR PRIORITIZ?
S3       74439     SORT OR SORTS OR SORTED OR SORTING?
S4      224210     S1:S2(2N)(HIGH??? ? OR ELEVAT? OR INCREAS?)
S5        8488     S1:S3(3N)(DOCUMENT? ? OR RECORD? ?)
S6        7299     S1:S3(3N)(PUBLICATION? ? OR FILE OR FILES OR FOLDER? ? OR -
                   REPORT? ? OR MESSAGE OR MESSAGES)
S7        8381     S1:S3(3N)OBJECT? ?
S8      818547     BEHAVIOR? ? OR BEHAVIOUR? ? OR ACTION? ? OR REACTION? OR R-
                   EACTING? OR ACT OR ACTS OR ACTED OR REACT? ? OR REACTED OR RE-
                   ACTING
S9     1141083     VIEW OR VIEWS OR VIEWED OR VIEWING OR CLICK??? ? OR LOOK??
                   ? OR SEEN OR DISPLAY? OR SELECT OR SELECTS OR SELECTED OR SEL-
                   ECTION? OR SELECTING
S10     270510     CHOSE? ? OR CHOOS??? ?
S11     171103     S8:S10(3N)(USER? ? OR SEARCHER? OR CLIENT? ? OR SUBSCRIBER?
                   OR REQUEST?R? ? OR CONSUMER? OR CUSTOMER? OR PATRON? ? OR IN-
                   DIVIDUAL? ? OR PERSON? ? OR PARTICIPANT? OR MEMBER? ?)
S12      24144     S1:S3(3N)(TERM OR TERMS OR WORD OR WORDS OR TERMINOLOG? OR
                   PHRASE OR PHRASES OR TEXT? ? OR LEXEME? ? OR MORPHEME? ?)
S13        464     S11(20N)S5:S7
S14         16     S13/TI,AB
S15        276     S11(10N)S5:S7
S16       3764     IC='G06F-007'
S17      12180     IC='G06F-017/30':IC='G06F-017/31'
S18      19347     IC='G06F-017/60':IC='G06F-017/61'
S19          2     S15 AND S16
S20         71     S15 AND S17
S21          6     S20 AND S18
S22         33     S13(20N)S4
S23         17     S13(20N)S12
S24          7     S13(20N)(VECTOR? ? OR MATRIX? OR MATRICE? ?)
S25         17     S22 AND S16:S18
S26         58     S19 OR S21:S25
S27         56     S26 NOT S14
S28         56     IDPAT (sorted in duplicate/non-duplicate order)
S29         55     IDPAT (primary/non-duplicate records only)
?
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? t14/5/2

14/5/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01457121
AN ADAPTIVE DOCUMENT   RANKING **METHOD BASED ON** USER   BEHAVIOR
PROCEDE   ADAPTATIF DE CLASSEMENT DE DOCUMENTS FONDE SUR LE COMPORTEMENT DES
    UTILISATEURS
PATENT ASSIGNEE:
  Verity, Inc., (2354650), 894 Ross Drive, Sunnyvale, CA 94089, (US),
    (Applicant designated States: all)
INVENTOR:
  ABROL, Mani, S., 1765 Via Cortina, San Jose, CA 95120, (US)
  JOHNSON, Brett, M., 1210 Sargent Drive, Sunnyvale, CA 94087, (US)
PATENT (CC, No, Kind, Date):
                      WO 2002061628 020808
APPLICATION (CC, No, Date):   EP 2002703292 020129; WO 2002US2717 020129
PRIORITY (CC, No, Date): US 775715 010201
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/30
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 021002 A1 International application. (Art. 158(1))
 Application: 021002 A1 International application entering European
                               phase
LANGUAGE (Publication,Procedural,Application): English; English; English
? t14/5,k/3,5,7-16

14/5,K/3   (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00885642
Document retrieval system
System zum Wiederauffinden von Dokumenten
Systeme de recouvrement de documents
PATENT ASSIGNEE:
  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (1855501), 1006, Oaza Kadoma,
    Kadoma-shi Osaka, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Inaba, Mitsuaki, 2-4-10-330, Matsunoki, Suginami-ku, Tokyo, (JP)
  Yasukawa, Hideki, 3-5-8-101, Kichijoji Kita-machi, Musashino-shi, Tokyo,
    (JP)
  Noguchi, Naohiko, 1323-601, Futoo-cho, Kohoku-ku, Yokohama, (JP)
  Kanno, Yuji, 1-1-19-504, Oooka, Minami-ku, Yokohama, (JP)
  Sato, Mitsuhiro, 2-27-1-A201, Hashido, Seya-ku, Yokohama, (JP)
  Nomoto, Masako, 7-18-504, Minamisumiyoshi, Tokorozawa-shi, Saitama-ken,
    (JP)
LEGAL REPRESENTATIVE:
  Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo
    Tiedtke-Buhling-Kinne & Partner Bavariaring 4, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 810535 A2 971203 (Basic)
                              EP 810535 A3 990421
APPLICATION (CC, No, Date):   EP 97108617 970528;
PRIORITY (CC, No, Date): JP 96156418 960529; JP 9787328 970324
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 810535 A2

A document retrieval system for searching a document coinciding with a retrieval request the user inputs and further ranking the document in accordance with the degree of coincidence between the document and the retrieval request. In the document retrieval system, a word frequency calculating section finds out the number of documents where a word appears, a frequency of occurrence of the word in a document and obtains a weighting parameter for the word, and a frequency score calculating section obtains a frequency score on the basis of the output of the word frequency calculating section. In addition, a word cooccurrence relation checking section checks word cooccurrence relations of the retrieval request and the document, and a cooccurrence score calculating section calculates a cooccurrence score from the degree of coincidence therebetween. A document score calculating section calculates a document score on the basis of the frequency score and the cooccurrence **score** . The **documents** are **ranked** in order of **document** **score** and **displayed** to the **user** .
ABSTRACT WORD COUNT: 165

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Examination: 020102 A2 Date of dispatch of the first examination
                             report: 20011119
 Application: 971203 A2 Published application (A1with Search Report
                             ;A2without Search Report)
 Examination: 971203 A2 Date of filing of request for examination:
                             970528
 Search Report: 990421 A3 Separate publication of the European or
                             International search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A   (English)   9711W4   3394
     SPEC A   (English)   9711W4   14944
Total word count - document A   18338
Total word count - document B   0
Total word count - documents A + B   18338

...ABSTRACT section calculates a document score on the basis of the
   frequency score and the cooccurrence **score** . The **documents** are **ranked**
   in order of **document** **score** and **displayed** to the **user** .

 14/5,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00396963
Search and retrieval system.
Such- und Wiederauffindungssystem.
Systeme de recherche et de resaisie.
PATENT ASSIGNEE:
  LOTUS DEVELOPMENT CORPORATION, (1187500), 55 Cambridge Parkway,
    Massachusetts 02142, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  Colwell, Steve, 18 Southland Drive, Rochester, New York 14623, (US)
  Gross, Lawrence S., 852 15th Street, Santa Monica, California 90403, (US)
  Gross, William T, 2349 Mira Vista, Montrose, California 91020, (US)
  Hasiuk, Lee, 799 N. Landing Road, Rochester, New York, 14625, (US)
  Rolfe, David, 3638 Grayburn Road, Pasadena, California 91107, (US)

LEGAL REPRESENTATIVE:
    Blatchford, William Michael (48801), Withers & Rogers 4 Dyer's Buildings
        Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date):   EP 380239   A2   900801 (Basic)
                                EP 380239   A3   920415
APPLICATION (CC, No, Date):   EP 90300543 900118;
PRIORITY (CC, No, Date): US 298366 890118; US 336963 890412; US 436146
    891113
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/40; G06F-015/401; G06F-015/403;
    G06F-015/411;
CITED PATENTS (EP A): EP 32194 A
CITED REFERENCES (EP A):
    ONLINE   vol. 9, no. 4, July 1985,
        ANN ARBOR, US pages 38 - 42; M.P. HOLLAND: 'ZyINDEX: full text
        retrieval power';

ABSTRACT EP 380239 A2
    A text search and retrieval system which builds an index representing
    every word in stored files created by a variety of applications,searches
    for requested words using the index and **ranks** the **files** based on the
    relative strength of match with the search request. From a display of the
    ranked filenames, the **user** can **select** a file, whereupon the file is
    tested to determine which one of a plurality of file viewers to deploy.
    The corresponding viewer is automatically loaded and used to display
    consecutive screens of information from the selected file. Further
    searching within the file is accomplished within the context of the
    viewer by matching character strings of a new search request with words
    in the items of the file produced by the viewer. To work on a file in
    view, the user can invoke the software application which created the file
    by loading the application corresponding to the viewer along with the
    desired file, without abandoning the search system.   (see image in
    original document)
ABSTRACT WORD COUNT: 170

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 900801 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Search Report: 920415 A3 Separate publication of the European or
                            International search report
 Examination: 921223 A2 Date of filing of request for examination:
                            921009
 Withdrawal: 950419 A2 Date on which the European patent application
                            was withdrawn: 950215
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   EPABF1   1145
     SPEC A   (English)   EPABF1   5994
Total word count - document A   7139
Total word count - document B   0
Total word count - documents A + B   7139

...ABSTRACT files created by a variety of applications,searches for
    requested words using the index and **ranks** the **files** based on the
    relative strength of match with the search request. From a display of the
    ranked filenames, the **user** can **select** a file, whereupon the file is
    tested to determine which one of a plurality of...

14/5,K/7   (Item 2 from file: 349)

00953011   **Image available**
METHOD AND ARRANGEMENT FOR MANAGING INFORMATION IN A COMMUNICATION DEVICE
PROCEDE ET DISPOSITIF PERMETTANT DE GERER LES INFORMATIONS DANS UN DISPOSITIF DE COMMUNICATION

Patent Applicant/Assignee:
  NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence),
    FI (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  STEPMAN Peter Alexander, Helsinginkatu 2 aB 68, FIN-00500 Helsinki, FI,
    FI (Residence), US (Nationality), (Designated only for: US)
  NIEMINEN-SUNDELL Riitta, Keiteleentie 1 D 34, FIN-00550 Helsinki, FI, FI
    (Residence), FI (Nationality), (Designated only for: US)
Legal Representative:
  BERGGREN OY AB (agent), P.O. Box 16, FIN-00101 Helsinki, FI,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200287199 A1 20021031 (WO 0287199)
    Application: WO 2001FI392 20010424   (PCT/WO FI0100392)
    Priority Application: WO 2001FI392 20010424
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
  SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04M-003/38
International Patent Class: H04Q-003/72
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 4194

English Abstract
  The invention generally relates to managing communications in a
  communication device. Especially the invention concerns **prioritising**
  the communications. The **objects** of the invention are achieved by
  determining a priority value to counterparts of communication (101) and
  by allowing the **user** to **select** a priority level or "mode" (102). The
  information relating to the counterparts are processed or given to the
  user on the basis of the priority value and the mode (106, 109, 120). The
  user can easily change the currently applied mode and thus adjust the
  information flow to be suitable for each situation (102, 110). The
  counterpart may be either a recipient or a source of communication. The
  invention is advantageously applied in mobile communicators.

French Abstract
  La presente invention concerne generalement la gestion des communications
  dans un dispositif de communication et se rapporte en particulier a
  l'etablissement de priorites dans les communications. A cet effet, on
  determine une valeur de priorite pour les parties a une communication
  (101) et on permet a l'utilisateur de choisir un niveau ou <= mode >= de
  priorite (102). Les informations relatives aux parties sont traitees ou
  donnees a l'utilisateur sur la base de la valeur de priorite et du mode
  (106, 109, 120). L'utilisateur peut facilement modifier le mode en cours
  et ajuster de la sorte le flux d'informations en fonction de chaque

situation (102, 110). La partie a la communication peut etre le destinataire ou la source de la communication. L'invention trouve une application avantageuse dans les dispositifs de communication mobile.

Legal Status (Type, Date, Text)
Publication 20021031 A1 With international search report.

English Abstract
   The invention generally relates to managing communications in a communication device. Especially the invention concerns **prioritising** the communications. The **objects** of the invention are achieved by determining a priority value to counterparts of communication (101) and by allowing the **user** to **select** a priority level or "mode" (102). The information relating to the counterparts are processed or...

 14/5,K/8   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00927550   **Image available**
AN ADAPTIVE DOCUMENT RANKING **METHOD BASED ON** USER BEHAVIOR
PROCEDE ADAPTATIF DE CLASSEMENT DE DOCUMENTS FONDE SUR LE COMPORTEMENT DES UTILISATEURS
Patent Applicant/Assignee:
  VERITY INC, 894 Ross Drive, Sunnyvale, CA 94089, US, US (Residence), US (Nationality)
Inventor(s):
  ABROL Mani S, 1765 Via Cortina, San Jose, CA 95120, US,
  JOHNSON Brett M, 1210 Sargent Drive, Sunnyvale, CA 94087, US,
Legal Representative:
  LOHSE Timothy W (agent), Gray Cary Ware & Freidenreich LLP, Patent Department, 1755 Embarcadero Road, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200261628 A1 20020808 (WO 0261628)
  Application: WO 2002US2717 20020129 (PCT/WO US0202717)
  Priority Application: US 2001775715 20010201
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 4266

English Abstract
  A user behavior based docuemnt ranking system may include a search server computer (22) that is connected by a computer network (24) to one or more web sites (26) including WS1,...WSn. The server computer (22) may include one or more cental processing units (30) that control the operation of the computer, a persistent storage device (32) that maintains data even when the power is turned off to the computer and a temporary memory (34). The memory (34) is loaded with a particular software application such as the search engine (36). The user computer (28) may include a display

device (40), a chassis (42), a keyboard (44), a mouse (46). The chassis (42) may include a central processing unit (48), persistent storage device (40), and a memory (52). A method permits prior **user behavior** associated with a document to affect the future **ranking** of that **document** .

French Abstract
L'invention concerne un systeme de classement de documents fonde sur le comportement d'un utilisateur pouvant comprendre un ordinateur serveur de recherche (22) lequel est connecte par l'intermediaire d'un reseau informatique (24) a un ou plusieurs sites webs (26), a savoir WS1,...WSn. L'ordinateur serveur (22) comprend une ou plusieurs unites centrale de traitement (30) qui commande(nt) le fonctionnement de l'ordinateur, un dispositif de stockage permanent (32) qui conserve des donnees meme lorsque l'ordinateur est mis hors tension et une memoire temporaire (34). La memoire (34) est chargee au moyen d'une application logicielle particuliere tel que celle basee sur un moteur de recherche (36). L'ordinateur utilisateur (28) comprend un dispositif d'affichage (40), un chassis (42), un clavier (44), une souris (46). Le chassis (42) comprend une unite centrale de traitement (48), un dispositif de stockage permanent (40), et une memoire (52). L'invention concerne egalement un procede permettant au comportement d'un utilisateur anterieur associe a un document d'affecter le classement futur de ce document.

Legal Status (Type, Date, Text)
Publication   20020808 A1 With international search report.
Examination   20021017 Request for preliminary examination prior to end of
                       19th month from priority date

AN ADAPTIVE DOCUMENT   RANKING **METHOD BASED ON** USER   BEHAVIOR

English Abstract
...processing unit (48), persistent storage device (40), and a memory (52). A method permits prior **user behavior** associated with a document to affect the future **ranking** of that **document** .

 14/5,K/9   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00903246   **Image available**
INTEGRATING SEARCH, CLASSIFICATION, SCORING AND RANKING
INTEGRATION DE RECHERCHE ET DE CLASSIFICATION: RESULTAT ET CLASSEMENT
Patent Applicant/Assignee:
  FOCUSENGINE SOFTWARE LTD, 12 Raul Valenberg Street, 69719 Tel Aviv, IL,
    IL (Residence), IL (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  DAGAN Ido, Shivtei Israel Street 26A, 47267 Ramat Hasharon, IL, IL
    (Residence), IL (Nationality), (Designated only for: US)
  FUKS Avi, 6 Shilo Street, 64688 Tel Aviv, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  PAVLOVITZ Ofra, Sokolov Street 6, 52571 Ramat Gan, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  YELLIN Ido, Jerusalem Street 8/2, 44446 Kfar Saba, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
Legal Representative:
  REINHOLD COHN AND PARTNERS (agent), P.O. Box 4060, 61040 Tel Aviv, IL,
Patent and Priority Information (Country, Number, Date):

```
Patent:              WO 200237328 A2-A3 20020510 (WO 0237328)
Application:         WO 2001IL942 20011011  (PCT/WO IL0100942)
Priority Application: US 2000690307 20001017
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
   SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
   Detailed Description
   Claims
Fulltext Word Count: 6624
```

English Abstract

A system for obtaining a composite score of documents that includes a
user interface for providing a composite query that includes a free-text
query component and a category component and obtain documents that meet
the composite query. The system further includes a processor for
calculating a non-Boolean score of the document according to each one of
the components. The processor is further configured to combine the scores
so as to obtain a composite score, **displaying** through the **user**
interface the **documents** associated with said **score** , possibly sorted
by the scores.

French Abstract

L'invention concerne un systeme permettant d'obtenir un resultat combine
de documents. Ce systeme comprend une interface utilisateur permettant de
proceder a une interrogation combinee composee d'un element
d'interrogation en forme libre et d'un element de categorie, et d'obtenir
des documents repondant a l'interrogation combinee. Ce systeme comprend
egalement un processeur permettant de calculer un resultat non-booleen en
fonction de chacun des elements. De plus, le processeur est concu pour
combiner les resultats de maniere a obtenir un resultat combine et pour
afficher, via l'interface utilisateur, les documents associes audit
resultat et eventuellement classes par ces resultats.

Legal Status (Type, Date, Text)
Publication 20020510 A2 Without international search report and to be
                        republished upon receipt of that report.
Search Rpt   20030904 Late publication of international search report
Republication 20030904 A3 With international search report.

English Abstract
   ...processor is further configured to combine the scores so as to obtain
   a composite score, **displaying** through the **user** interface the
   documents associated with said **score** , possibly sorted by the scores.

 14/5,K/10   **(Item 5 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00787801
COMPETITIVE INFORMATION MANAGEMENT SYSTEM
SYSTEME DE GESTION D'INFORMATIONS COMPETITIF

Patent Applicant/Inventor:
  WEITZ David J, 1086 Los Altos Avenue, Los Altos, CA 94022, US, US
    (Residence), US (Nationality)
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200120497 A2 20010322 (WO 0120497)
  Application: WO 2000US25003 20000912 (PCT/WO US0025003)
  Priority Application: US 99394244 19990913; US 99451593 19991130
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 48531

English Abstract
  A competitive information management system is provided which perform one
  or more of the following functions: (a) finds documents for a user to
  review based on information provided to the system by the user; (b)
  record information regarding the user's use of the data management
  system; (c) **sorts   documents** based on their anticipated relevance to
  the user using information recorded into the system by the **user** ; (d)
  display groups of documents in various display formats to assist the
  user to visualize functional interrelationships between different pieces
  of intellectual property in the group; (e) maintains a database
  containing documents and various forms of information associated with
  each document; (f) hunts for new documents or new pieces of information
  associated with each document; (g) alerts users when new documents or new
  pieces of information which are anticipated to be relevant to the user
  are identified; and (h) creates customized reports involving the
  documents identified by the above processes, and optionally information
  recorded into the system by the user.

French Abstract
  L'invention concerne un systeme de gestion d'informations competitif qui
  execute au moins une des fonctions suivantes: (a) trouver des documents a
  examiner par un utilisateur sur la base des informations qu'il a fournies
  au systeme; (b) enregistrer les informations concernant l'emploi par
  l'utilisateur du systeme de gestion de donnees; (c) trier les documents
  sur la base de leur pertinence anticipee pour l'utilisateur au moyen des
  informations qu'il a enregistrees dans le systeme; (d) afficher les
  groupes de documents dans differents formats d'affichage afin d'aider
  l'utilisateur a visualiser les relations fonctionnelles entre les
  differentes pieces de propriete intellectuelle au sein du groupe; (e)
  tenir a jour une base de donnees renfermant des documents et differentes
  formes d'informations associees a chaque document; (f) rechercher de
  nouveaux documents ou de nouvelles pieces d'informations associes a
  chaque document; (g) aviser les utilisateurs lorsque de nouveaux
  documents ou de nouvelles pieces d'informations juges pertinents pour eux
  ont ete identifies; et (h) creer des rapports personnalises associant les
  documents identifies par les processus susmentionnes et eventuellement
  les informations enregistrees dans le systeme par l'utilisateur.

Legal Status (Type, Date, Text)
Publication 20010322 A2 Without international search report and to be
                          republished upon receipt of that report.
Examination   20010802 Request for preliminary examination prior to end of
                          19th month from priority date

English Abstract
   ...user; (b) record information regarding the user's use of the data
   management system; (c) **sorts documents** based on their anticipated
   relevance to the user using information recorded into the system by the
   user ; (d) **display** groups of documents in various display formats to
   assist the user to visualize functional interrelationships...

 14/5,K/11   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00783260   **Image available**
**AN INTERNET SEARCH SYSTEM FOR TRACKING AND RANKING SELECTED RECORDS FROM A
    PREVIOUS SEARCH**
**SYSTEME DE RECHERCHE DANS L'INTERNET SERVANT AU SUIVI ET AU CLASSEMENT
    D'ENREGISTREMENTS CHOISIS, A PARTIR D'UNE RECHERCHE PRECEDENTE**
Patent Applicant/Assignee:
  POWERCAST MEDIA INC, Suite 350, Two Walnut Grove Street, Horsham, PA
    19044, US, US (Residence), US (Nationality)
Inventor(s):
  CRANDALL Aaron Clyde, 13381 W. Acorn, Boise, ID 83713, US,
  BOSARGE Jason Wayne, 1701 Broxon Street, Boise, ID 83705, US,
  HERNANDEZ Louis, 12431 West Sitka Drive, Boise, ID 83713, US,
Legal Representative:
  FLIESLER Martin C (agent), Fliesler Dubb Meyer and Lovejoy LLP, Suite
    400, Four Embarcadero Center, San Francisco, CA 94111-4156, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116807 A1 20010308 (WO 0116807)
  Application: WO 2000US24286 20000831 (PCT/WO US0024286)
  Priority Application: US 99386351 19990831
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK
  LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK
  SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6717

English Abstract
  A system and method that enable Internet **users** to access **selected**
  records retrieved from results set (510) that are derived from earlier
  search queries. The invention tracks and **ranks selected records**
  that **users** deemed valuable to a search query. When an Internet user
  submits a search query (400), the system creates three distinct but
  related queries for searching all accessible web sites, a collection

database (512) and a rank database (514). The collection database
includes a list of collections, i.e., records that other users deem
relevant to a search topic and that are selected from result sets derived
with earlier search queries; the collection is organized in a folder/file
based hierarchical format. The rank database includes Uniform Resource
Locators (URLs) for identifying web sites that are bookmarked by other
users. Each record in the collection and rank databases has an associated
score that is used to organize records retrieved from those databases.
Thus, when the user submits a search query to the system, it returns
selected records from the collection and rank databases, in addition to
other related web sites from the Internet.

French Abstract
L'invention concerne un systeme et un procede permettant a des
utilisateurs de l'Internet d'acceder a des enregistrements choisis,
extraits a partir d'ensembles de resultats (510) derives de demandes de
recherches precedentes. L'invention permet le suivi et le classement des
enregistrements choisis et consideres comme precieux, par les
utilisateurs, lors d'une demande de recherche. Lorsqu'un utilisateur de
l'Internet soumet une demande de recherche (400), le systeme cree trois
demandes distinctes mais apparentees, aux fins de recherche dans tous les
sites du Web accessibles, dans une base de donnees rassemblees (512) et
dans une base de donnees classees (512). La base de donnees rassemblees
comprend une liste des donnees rassemblees, a savoir des enregistrements
que d'autres utilisateurs considerent comme pertinents dans une rubrique
de recherche et qui sont choisis a partir d'ensembles de resultats
derives au moyen de demandes de recherches precedentes. Les donnees
rassemblees sont organisees en format hierarchique constitue de
dossiers/fichiers. La base de donnees classees comprend des URL (adresses
uniformisees de ressource) servant a identifier des sites Web qui ont ete
mis en signet par d'autres utilisateurs. Chaque enregistrement dans les
bases de donnees rassemblees et classees possede une notation qui lui est
associee et qui est utilisee pour organiser des enregistrements extraits
de ces bases de donnees. Ainsi, lorsque l'utilisateur soumet une demande
de recherche au systeme, celui-ci renvoie des enregistrements choisis a
partir des bases de donnees rassemblees et classees, en plus de ceux de
sites Web apparentes, a partir de l'Internet.

Legal Status (Type, Date, Text)
Publication   20010308 A1 With international search report.

English Abstract
A system and method that enable Internet **users** to access **selected**
records retrieved from results set (510) that are derived from earlier
search queries. The invention tracks and **ranks   selected   records**
that **users** deemed valuable to a search query. When an Internet user
submits a search query (400...

 14/5,K/12   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00783259   **Image available**
**AN INTERNET SEARCH SYSTEM FOR RETRIEVING SELECTED RESULTS FROM A PREVIOUS
    SEARCH**
**SYSTEME DE RECHERCHE PAR INTERNET PERMETTANT DE RETROUVER DES RESULTATS
    CHOISIS D'UNE RECHERCHE ANTERIEURE**
Patent Applicant/Assignee:
  POWERCAST MEDIA INC, Suite 350, Two Walnut Grove Street, Horsham, PA
    19044, US, US (Residence), US (Nationality)

Inventor(s):
  CRANDALL Aaron Clyde, 13381 W. Acorn, Boise, ID 83713, US,
  BOSARGE Jason Wayne, 1701 Broxon Street, Boise, ID 83705, US,
  HERNANDEZ Louis, 12431 West Sitka Drive, Boise, ID 83713, US,
Legal Representative:
  FLIESLER Martin C (agent), Fliesler Dubb Meyer and Lovejoy LLP, Suite
    400, Four Embarcadero Center, San Francisco, CA 94111-4156, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116806 A1 20010308 (WO 0116806)
  Application: WO 2000US24285 20000831 (PCT/WO US0024285)
  Priority Application: US 99386352 19990831
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK
  LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6205

English Abstract
  A system and method that enable Internet **users** to access **selected**
  records retrieved from result sets (510) that are derived from earlier
  search queries. The invention tracks and **ranks** selected **records** by
  creating multiple queries for searching multiple accessible web sites, a
  collection database (512), and a rank database (514).

French Abstract
  La presente invention concerne un systeme et un procede permettant aux
  utilisateurs Internet d'acceder a des articles selectionnes provenant
  d'ensembles de resultats (510) deduits de requetes de recherche
  anterieures. Pour faire la remontee et le classement des articles
  choisis, l'invention consiste a creer, d'une part plusieurs requetes
  permettant une recherche sur plusieurs sites web accessibles, d'autre
  part une base de donnees de collecte (512), et enfin une base de donnees
  de classement (514).

Legal Status (Type, Date, Text)
Publication 20010308 A1 With international search report.
Publication 20010308 A1 Before the expiration of the time limit for
                         amending the claims and to be republished in the
                         event of the receipt of amendments.

English Abstract
  A system and method that enable Internet **users** to access **selected**
  records retrieved from result sets (510) that are derived from earlier
  search queries. The invention tracks and **ranks** selected **records** by
  creating multiple queries for searching multiple accessible web sites, a
  collection database (512), and...

 14/5,K/13   **(Item 8 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00767610   **Image available**
ELECTRONIC CLASSIFICATION AND SEARCHING SYSTEMS AND METHODS
CLASSIFICATION ELECTRONIQUE, SYSTEMES ET PROCEDES DE RECHERCHE
Patent Applicant/Inventor:
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        (Residence), US (Nationality)
Legal Representative:
    DORTENZO Megan D (agent), P.O. Box 2190, Clarksburg, WV 26302-2190 (et
        al), US,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200101220 A2-A3 20010104 (WO 0101220)
    Application: WO 2000US17728 20000627 (PCT/WO US0017728)
    Priority Application: US 99141497 19990628; US 99159917 19991016
Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY
    CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility
    model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH
    GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT
    LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility
    model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
    (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
    (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/27
International Patent Class: G06F-017/00; G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
    Detailed Description
    Claims
Fulltext Word Count: 6536

English Abstract
    The present invention is a method of classifying and retrieving
    information from a database, including the steps of providing a database
    of object keys, providing a query, comparing the query to the database to
    obtain at least one selected object key, and obtaining an output
    comprising at least one selected object key. The comparing preferably
    includes the use of a mask in order to select object keys in the database
    that correspond to the query. The selected **object** keys can be **ranked**
    based on the query and **displayed** in a **user** -friendly format.

French Abstract
    Dans la presente invention on constate que les procedes de recherche et
    les articles de fabrication couramment utilises, particulierement sur
    l'Internet, souffrent d'une selection pauvre et incomplete concernant
    l'information recuperee. Il existe donc un besoin pour des procedes de
    recherche et des articles de fabrication plus efficaces. La presente
    invention concerne une classification electronique et des systemes de
    recherche permettant de satisfaire ces besoins. Une realisation de
    l'invention se rapporte a une cle objet comprenant au moins deux des
    elements suivants: un code champ unique, un code champ support, un code
    champ attribut et un code proprietaire. La cle objet peut contenir une
    information supplementaire telle qu'un code http, un code URL, un code
    URI, un code texte, un code graphique, un code precision et un code
    proprietaire. Une autre realisation de l'invention concerne un procede de
    fabrication d'une cle objet qui consiste a obtenir une information a
    partir d'un formulaire et a convertir cette information en un format
    lisible par machine. Le formulaire existe de preference sous une forme
    standard qui, par exemple, peut etre remplie et soumise par un

fournisseur d'information. L'information se trouve de preference sous un
format lisible par machine formant par lui-meme l'objet cle. D'autres
realisations concernent une cle objet obtenue a l'aide du procede de la
presente invention, ainsi qu'une composition de matiere comprenant deux
ou plusieurs cles objet. Les cles objets peuvent etre sous forme de
format lisible par machine et sous forme d'une base de donnees. Une autre
realisation de la presente invention concerne un procede de recherche
d'une base de donnees qui consiste a mettre en oeuvre une base de donnees
de cles objet, a effectuer une requete et a comparer la requete a la base
de donnees. La comparaison comprend, de preference, l'utilisation d'un
masque de maniere a selectionner, dans la base de donnees, des cles objet
qui correspondent a la requete. Une autre realisation de la presente
invention concerne un procede de recuperation de l'information a partir
d'une base de donnees consistant a mettre en oeuvre une base de donnees
de cles objet, a effectuer une requete, a comparer la requete a la base
de donnees afin d'obtenir au moins une cle objet selectionnee, et a
obtenir une sortie comprenant au moins la cle objet selectionnee. Les
cles objet selectionnees peuvent etre ordonnees selon la requete puis
affichees. L'affichage est, de preference, realise sous un format
convenant a l'utilisateur. Une autre realisation de la presente invention
concerne une composition comprenant au moins une cle objet recuperee au
moyen d'un procede de l'invention. Une autre realisation de l'invention
concerne un procede de fabrication d'une composition, d'un compose ou
d'un article de fabrication consistant a mettre en oeuvre un systeme de
fabrication d'une composition, d'un compose ou d'un article de
fabrication, a mettre en oeuvre une base de donnees de cles objet qui
contient des cles objets se rapportant aux objets utilises ou censes etre
utilises dans la fabrication de la composition, du compose, ou de
l'article de fabrication, a rechercher la base de donnee des cles objet,
a obtenir une sortie de recherche comprenant au moins une cle objet, a
selectionner au moins une cle objet dans la sortie afin d'obtenir une cle
objet selectionnee. Une autre realisation de la presente invention
concerne un article de fabrication obtenu au moyen du procede de
l'invention. Une autre realisation de la presente invention concerne un
procede permettant de realiser des affaires consistant a realiser une
base de donnees de cles objet qui correspondent aux marchandises ou aux
services proposes par au moins un fabricant ou un distributeur, a
presenter a des clients au moins cette base de donnees de ce fabricant ou
distributeur, a obtenir u

Legal Status (Type, Date, Text)
Publication   20010104 A2 Without international search report and to be
                        republished upon receipt of that report.
Examination   20010412 Request for preliminary examination prior to end of
                        19th month from priority date
Search Rpt   20010719 Late publication of international search report
Republication 20010719 A3 With international search report.

English Abstract
   ...order to select object keys in the database that correspond to the
   query. The selected **object** keys can be **ranked** based on the query and
   displayed in a **user** -friendly format.

 14/5,K/14   (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00762431   **Image available**
**METHOD FOR DEDUCING LEVEL OF INTEREST IN INFORMATION STRUCTURES VIA
   ANNOTATIONS**

PROCEDES PERMETTANT DE DEDUIRE DES NIVEAUX D'INTERET DANS DES STRUCTURES D'INFORMATION VIA DES ANNOTATIONS

Patent Applicant/Assignee:
  SCIENTIFIC LEARNING CORPORATION, Suite 400, 1995 University Avenue, Berkeley, CA 94704, US, US (Residence), US (Nationality)

Inventor(s):
  PETERSON Bret E, 3156 Sun Ridge Court, Lafayette, CA 94549, US,
Legal Representative:
  DURANT Stephen C (et al) (agent), Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018, US,

English Abstract
  A method for deducing user interest in, and the valuation of, specific pieces of information presented to a user within an information structure. Such information structures include, for example, websites and webpages. The textual and graphical objects on a webpage are associated with an area for adding annotations that pertain to the objects. The **user selects** , or highlights, certain objects and enters annotations in the appropriate area. Thereafter, a level of interest (or **valuation**) of an **object** , a set of objects, or an information structure can be deduced from the annotations. This level of interest can be used to develop a model of a particular user or group of users. A pattern of progression through a set of information can also be developed. The model or pattern can be used to direct subsequent presentation of information to the user. The relative valuation of the information might be used to direct further development (or editing) of the content of a website. The annotations can also be searched and used to present hierarchical layouts of information according to such search criteria.

French Abstract
  L'invention concerne un procede permettant de deduire l'interet d'un utilisateur pour des informations specifiques et d'evaluer ces informations presentees a un utilisateur dans une structure d'information, laquelle comporte, par exemple, des sites et des pages Web. Les objets textuels et graphiques situes d'une page Web sont associes a une zone destinee a l'inscription d'annotations concernant ces objets. L'utilisateur choisit ou met en evidence certains objets, puis il introduit des annotations dans la zone correspondante. Il est ensuite possible de deduire, a partir de ces annotations, le niveau d'interet (ou l'evaluation) d'un objet, d'une serie d'objets ou d'une structure d'information. Ce niveau d'interet peut servir a developper un modele d'un utilisateur ou d'un groupe d'utilisateurs particuliers. Il est egalement possible de developper un modele de progression via une serie d'informations. Ce modele peut servir a adresser a l'utilisateur la presentation d'informations consecutive. L'evaluation relative des informations peut servir a realiser une mise a jour du developpement (ou de l'edition) du contenu d'un site Web. Lesdites annotations peuvent

egalement etre recherchees et utilisees pour presenter des dispositions
d'information hierarchiques en fonction de ce type de criteres.

Legal Status (Type, Date, Text)
Publication   20001214 A2 Without international search report and to be
                           republished upon receipt of that report.
Search Rpt   20020815 Late publication of international search report
Republication 20020815 A3 With international search report.

English Abstract
    ...webpage are associated with an area for adding annotations that
    pertain to the objects. The **user** **selects** , or highlights, certain
    objects and enters annotations in the appropriate area. Thereafter, a
    level of interest (or **valuation**) of an **object** , a set of objects, or
    an information structure can be deduced from the annotations. This...

 14/5,K/15   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00756256   **Image available**
METHOD AND APPARATUS FOR IMPLEMENTING A VIRTUAL SHARED WORLD
PROCEDE ET APPAREIL D'INSTALLATION D'UN MONDE PARTAGE VIRTUEL
Patent Applicant/Assignee:
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    (Residence), US (Nationality)
Inventor(s):
  JIAU Winifred, 2520 Buena Vista Avenue, Belmont, CA 94002, US
  TOLAR Robert, 57 Bradford Street, San Francisco, CA 94110, US
Legal Representative:
  MAJERUS Laura A, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA
    94306, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200069244 A2 20001123 (WO 0069244)
  Application: WO 2000US13222 20000512 (PCT/WO US0013222)
  Priority Application: US 99311787 19990514; US 99365998 19990803
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
  UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11068

English Abstract
  A method and apparatus for implementing a virtual shared world using
  multithreaded processes on a client system. The client system includes a
  navigator thread, a queue manager thread, a loader queue, a background
  loader thread, and a rendering engine thread. The loader queue includes
  lot ids sorted in accordance with the highest loading priority. Each lot
  id entry in the loader queue references a plurality of object ids, which
  are sorted in accordance with the highest loading priority. The sorting
  software of the queue manager is continually reorganizing the loader

queue in accordance with the **user actions** and with server broadcast
messages . The **sorting** software of the queue manager contains internal
rules that help determine which objects and lots should be loaded next to
allow the user to have a seamless view of the virtual world. The
background loader requests lot ids and object ids from the queue manager
and sends requests to the server system for the needed lot or object. As
soon as the object or lot is received from the server by the background
loader, it is sent to the rendering engine to be rendered on the client
system.

French Abstract
  L'invention porte sur un procede et un appareil permettant d'installer
  sur un systeme client un monde partage virtuel au moyen de traitement
  multifilieres. Le systeme client comprend un fil de navigateur, un fil de
  gestionnaire de fil d'attente, une file d'attente de chargeur, un fil de
  chargeur de fond et un fil de moteur de rendu. La file d'attente du
  chargeur comporte des noms de lots tries en fonction de la plus grande
  priorite de chargement. Chaque entree de nom de lot dans la file
  d'attente du chargeur designe une pluralite de noms d'objets qui sont
  tries en fonction de la priorite de chargement la plus importante. Le
  logiciel de tri du gestionnaire de file d'attente reorganise en
  permanence le chargeur en fonction des actions de l'utilisateur et des
  messages de diffusion du serveur. Le logiciel de tri du gestionnaire de
  file d'attente contient des regles internes qui aident a determiner quels
  sont objets et lots a charger ensuite pour permettre a l'utilisateur
  d'avoir une vue transparente du monde virtuel. Le chargeur de fond exige
  du gestionnaire de file d'attente des noms de lots et d'objets et envoie
  au systeme serveur les demandes concernant le lot ou objet recherche. Des
  reception par le chargeur de fond du lot ou objet envoye par le serveur,
  celui-ci est envoye au moteur de rendu pour etre renvoye au systeme
  client.

Legal Status (Type, Date, Text)
Publication   20001123 A2 Without international search report and to be
                        republished upon receipt of that report.
Search Rpt   20010201 Late publication of international search report
Examination   20010308 Request for preliminary examination prior to end of
                        19th month from priority date

English Abstract
  ...software of the queue manager is continually reorganizing the loader
  queue in accordance with the **user actions** and with server broadcast
  messages . The **sorting** software of the queue manager contains internal
  rules that help determine which objects and lots...

 14/5,K/16   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00388611   **Image available**
**PROCESS AND DEVICE FOR SORTING AND FOR EXTRACTION OF BIOLOGICAL OBJECTS
    ARRANGED ON PLANAR MEANS, SUCH AS BIOLOGICAL CELLS OR CELL ORGANELLES,
    HISTOLOGICAL SECTIONS, CHROMOSOME PARTICLES ETC. USING LASER BEAMS**
**PROCEDE ET DISPOSITIF POUR TRIER ET RECUPERER DES OBJETS BIOLOGIQUES
    DEPOSES SUR UN SUPPORT PLAT, TELS QUE DES CELLULES BIOLOGIQUES OU DES
    ORGANITES CELLULAIRES, DES COUPES HISTOLOGIQUES, DES PARTICULES DE
    CHROMOSOMES ETC., AU MOYEN DE FAISCEAUX LASER**
Patent Applicant/Assignee:
  BAYER AKTIENGESELLSCHAFT,

English Abstract
  The invention relates to a process and device for sorting and extraction
  of biological objects on a planar slide (2). The field of an object or
  the object itself which is on the slide (2) is dissected using a laser
  beam (6) and transferred by a laser-induced conveying process to a
  collector substrate (5) arranged directly above or below the slide.
  During dissection, the object is driven around by the laser beam (6) in a
  closed curve or is cut directly and automatically from the slide (2),
  said operation being controlled by computer. This process can be used to
  separate and **sort individual objects selected** from a very large
  number of objects. The process can also be used to separate specific
  cells from tissue sections.

French Abstract
  L'invention concerne un procede et un dispositif pour trier et recuperer
  des objets biologiques sur un support plat (2). Selon ce procede, une
  zone autour de l'objet ou l'objet lui-meme se trouvant sur le support (2)
  est decoupe(e) avec un faisceau laser (6) et transfere(e) par un
  processus de transport induit par laser sur un substrat collecteur (5)
  place directement au-dessus ou au-dessous du support. Lors de l'operation
  de decoupage, soit le faisceau laser (6) est deplace de facon a decrire
  un cercle autour de l'objet, soit l'objet est decoupe directement du
  support (2), cette derniere operation etant commandee par ordinateur. Ce
  procede permet de separer physiquement et de trier des objets isoles
  selectionnes parmi un tres grand nombre d'objets. Ce procede peut
  egalement etre utilise pour isoler des cellules specifiques dans des
  coupes de tissus.

English Abstract
  ...2), said operation being controlled by computer. This process can be
  used to separate and **sort individual objects selected** from a very
  large number of objects. The process can also be used to separate...

DIALOG(R)File 348:EUROPEAN PATENTS
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00883842
**Hypertext document retrieving apparatus for retrieving hypertext documents
    relating to each other**
**Hypertext-Dokumentwiederauffindungssystem zum Wiederauffinden zusammengehor
    iger Hypertextdokumente**
**Systeme de recouvrement de documents hypertextes pour retrouver des
    documents hypertexte relies**
PATENT ASSIGNEE:
  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216887), 1006, Oaza Kadoma,
    Kadoma-shi, Osaka-fu, (JP), (Applicant designated States: all)
INVENTOR:
  Ishikawa, Masato, 2-37-6, Horinouchi, Suginami-ku, Tokyo, (JP)
  Sato, Mitsuhiro, 2-27-1-A-201, Hashido, Seya-ku, Yokohama, (JP)
  Hoshida, Masaki, 6-10-9-101, Togoshi, Shinagawa-ku, Tokyo, (JP)
  Noguchi, Yoshihiro, 1-11-13-203, Fukuei, Ichikawa-shi, Chiba-ken, (JP)
  Yasukawa, Hideki, 3-5-8-101, Kichijoji, Kita-machi, Musashino-shi, Tokyo,
    (JP)
LEGAL REPRESENTATIVE:
  Schmidt, Christian et al (76643), Manitz, Finsterwald & Partner, Patent-
    und Rechtsanwalte, Robert-Koch-Strasse 1, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 809197 A2   971126 (Basic)
                              EP 809197 A3   010214
APPLICATION (CC, No, Date):   EP 97107823 970513;
PRIORITY (CC, No, Date): JP 96149783 960522
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/30**

ABSTRACT EP 809197 A2
    A hypertext document and anchor sentences of parent documents for the
  hypertext document are registered with an hypertext document identifier
  as document information for each of hypertext documents having reference
  relationships with each other. A user can refer to one hypertext document
  according to an anchor sentence of another hypertext document functioning
  as a parent document. Also, occurrence positions of one word in hypertext
  documents and parent documents are registered as word information for
  each of words. When a keyword is input, a plurality of particular
  hypertext documents and particular parent documents in which the keyword
  appears are specified according to the word information, one particular
  hypertext document and corresponding particular parent documents are
  unified to a unified hypertext document for each particular hypertext
  document, an occurrence frequency of the keyword in each unified
  hypertext document is calculated according to the document information,
  importance degrees of the unified hypertext documents are calculated as
  those of the particular hypertext documents according to the occurrence
  frequencies, and ranking of the particular hypertext documents are
  determined according to those importance degrees. Because the occurrence
  frequency is calculated by considering the parent documents, the
  particular hypertext documents can be appropriately ranked.
ABSTRACT WORD COUNT: 198
NOTE:
  Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Search Report: 010214 A3 Separate publication of the search report
  Application: 971126 A2 Published application (A1with Search Report
                            ;A2without Search Report)
  Examination: 971126 A2 Date of filing of request for examination:

970513
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) 9711W3   2086
      SPEC A   (English) 9711W3   14993
Total word count - document A   17079
Total word count - document B   0
Total word count - documents A + B   17079

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION HTML) in a world wide web have a referential relationship
   with each other is considerably **high** , the **ranking** of the particular
   hypertext documents cannot be appropriately determined, and the **user**
   cannot smoothly **select** each of the particular hypertext documents even
   though the particular hypertext **documents** **ranked** according to their
   estimated values are displayed.

   SUMMARY OF THE INVENTION
      An object of the...

 29/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00823951
Browsing electronically stored information
Uberfliegen von elektronisch gespeicherten Informationen
Regarder des informations stockees electroniquement
PATENT ASSIGNEE:
   Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover
      Street, Palo Alto, CA 94304, (US), (Proprietor designated states: all)
INVENTOR:
   Form, Simon, 8 Oakland Road, Redland, Bristol BS6 6ND, (GB)
LEGAL REPRESENTATIVE:
   Kilgannon, Denise Mary et al (53151), Hewlett-Packard Ltd, IP Section,
      Building 3, Filton Road, Stoke Gifford, Bristol BS34 8QZ, (GB)
PATENT (CC, No, Kind, Date): EP 766183 A1   970402 (Basic)
                              EP 766183 B1   021204
APPLICATION (CC, No, Date):   EP 95306950 950929;
PRIORITY (CC, No, Date): EP 95306950 950929
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-017/30
CITED PATENTS (EP B): EP 327931 A; EP 573922 A
CITED REFERENCES (EP B):
   HIGH-SPEED NETWORKING AND MULTIMEDIA COMPUTING, SAN JOSE, CA, USA, 8-10
      FEB. 1994, vol. 2188, ISSN 0277-786X, PROCEEDINGS OF THE SPIE - THE
      INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1994, USA, pages
      287-298, XP 000565345 PARRIS C ET AL 'Network support for lossless
      digital image browsing'
   DIGEST OF PAPERS. EIGHTH IEEE SYMPOSIUM ON MASS STORAGE SYSTEMS: EMERGING
      SOLUTIONS FOR DATA-INTENSIVE APPLICATIONS (CAT. NO.87CH2415-8), TUCSON,
      AZ, USA, 11-14 MAY 1987, ISBN 0-8186-0772-6, 1987, WASHINGTON, DC, USA,
      IEEE COMPUT. SOC. PRESS, USA, pages 21-26, YULE R 'A mass storage
      system for realtime image data caching';

ABSTRACT EP 766183 A1
   A method for accessing and using stored electronic documents. The

stored documents are presented to the user in a manner which visually simulates document types that most users are familiar with, such as books. Each page of the document is divided into frames. Both the individual pages and the frames comprising them are ranked based on locational, representational and logical attributes. These rankings are called herein semantic hints. The user determines the review speed of the document, and that review speed in turn determines which frames and pages will be moved from memory into cache at any particular time, as well as determining which of the pages and frames will be either fully or partially rendered on the display.

     5. The method of claim 4 wherein the user selected speed determines whether successive or preceding frames are moved from memory to the cache.

     6. The method of claim 5 wherein at the third user selected speed, only successive frames are moved from the memory to the cache.

ABSTRACT WORD COUNT: 168
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Assignee: 010328 A1 Transfer of rights to new applicant:
                          Hewlett-Packard Company, A Delaware Corporation
                          (3016020) 3000 Hanover Street Palo Alto, CA
                          94304 US
  Application: 970402 A1 Published application (A1with Search Report
                          ;A2without Search Report)
  Grant: 021204 B1 Granted patent
  Examination: 020703 A1 Date of dispatch of the first examination
                          report: 20020527
  Examination: 971126 A1 Date of filing of request for examination:
                          970926
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	598
CLAIMS B	(English)	200249	599
CLAIMS B	(German)	200249	631
CLAIMS B	(French)	200249	715
SPEC A	(English)	EPAB97	8746
SPEC B	(English)	200249	8392
Total word count – document A			9346
Total word count – document B			10337
Total word count – documents A + B			19683

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION working set (i.e. the part of the page or pages currently in view). The **higher** the **object** **rating** , the **higher** the perceived probability of the **user** wishing to **view** the object. This higher probability justifies a greater investment of resources in developing the content...

...SPECIFICATION working set (i.e. the part of the page or pages currently in view). The **higher** the **object** **rating** , the **higher** the perceived probability of the **user** wishing to **view** the object. This higher probability justifies a greater investment of resources in developing the content...

  29/5,K/8   **(Item 8 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00791785
USER INTERFACE FOR FULL-TEXT DOCUMENT RETRIEVAL
BENUTZERSCHNITTSTELLE FUR EIN VOLLTEXT-DOKUMENTENSUCHSYSTEM
INTERFACE UTILISATEUR POUR LA RECHERCHE DOCUMENTAIRE D'UN TEXTE INTEGRAL
PATENT ASSIGNEE:
   Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621
     BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
   AALBERSBERG, Ijsbrand, J., Groenewoudseweg 1, NL-5621 BA Eindhoven, (NL)
LEGAL REPRESENTATIVE:
   Groenendaal, Antonius Wilhelmus Maria et al (59381), INTERNATIONAAL
     OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)
PATENT (CC, No, Kind, Date): EP 749603 A1 961227 (Basic)
                                 EP 749603 A3 970108
                                 EP 749603 B1 010926
                                 WO 9621901 960718
APPLICATION (CC, No, Date):   EP 96900016 960110; WO 96IB18 960110
PRIORITY (CC, No, Date): US 371188 950111
DESIGNATED STATES: DE; FR; GB; IT; NL
INTERNATIONAL PATENT CLASS: G06F-017/30
CITED PATENTS (EP B): EP 627691 A; US 5515488 A
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Examination: 000517 A1 Date of dispatch of the first examination
                              report: 20000403
 Application: 961016 A International application (Art. 158(1))
 Oppn None: 020918 B1 No opposition filed: 20020627
 Change: 001115 A1 Title of invention (German) changed: 20000925
 Grant: 010926 B1 Granted patent
 Application: 961227 A1 Published application (A1with Search Report
                              ;A2without Search Report)
 Search Report: 970108 A3 Separate publication of the European or
                              International search report
 Examination: 970319 A1 Date of filing of request for examination:
                              970120
 *Assignee: 980826 A1 Applicant (name, address) (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200139	571
CLAIMS B	(German)	200139	555
CLAIMS B	(French)	200139	573
SPEC B	(English)	200139	5753
Total word count - document A			0
Total word count - document B			7452
Total word count - documents A + B			7452

...SPECIFICATION user to understand the significance of documents found by
a search engine in response to **actions** by the **user** applied via the
keyboard or mouse in a relevance- **ranking** , full- **text** **document**
retrieval computerized system. As described at length in the referenced
Electronic Publishing paper, a user...

 29/5,K/9   **(Item 9 from file: 348)**

00754016
Non-literal textual search using fuzzy finite non-deterministic automata
Nicht wortgetreue Textauffindung mit vagen, nicht-deterministischen,
endlichen Zustandsautomaten
Recherche de texte non-litterale avec des automates vagues
non-deterministiques a etats finis
PATENT ASSIGNEE:
  CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
    Tokyo, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Hunter, Kenneth M., 151A Saturn Street, San Francisco, California 94414,
    (US)
  Roberts, Michael G., 950 High School Way, No. 3201, Mountain View,
    California 94041, (US)
  Garland, Harry T., 27555 Purissima Road, Los Altos Hills, California
    94022, (US)
LEGAL REPRESENTATIVE:
  Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick
    Court High Holborn, London WC1R 5DJ, (GB)
PATENT (CC, No, Kind, Date): EP 709788 A1 960501 (Basic)
APPLICATION (CC, No, Date):   EP 95307602 951025;
PRIORITY (CC, No, Date): US 330968 941028
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 709788 A1
    Method and system for selectively retrieving information contained in
a stored document set using a metric-based or "fuzzy" finite-state
non-deterministic automaton. An automaton is constructed (501)
corresponding to a text string query, text strings are read (502) from
storage and corresponding dissimilarity values are generated (505).
Those strings resulting in values less than a given threshold are
recorded (508) and listed for the user. Dissimilarity values are
determined based on penalties associated with missing characters, extra
characters, incorrect characters, and other differences between the text
string query and a text string read from storage. (see image in
original document)
ABSTRACT WORD COUNT: 116

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 960501 A1 Published application (A1with Search Report
                            ;A2without Search Report)
 Examination: 961106 A1 Date of filing of request for examination:
                            960911
 Examination: 990818 A1 Date of dispatch of the first examination
                            report: 19990701
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   EPAB96   689
      SPEC A   (English)   EPAB96   14938
Total word count - document A   15627
Total word count - document B   0
Total word count - documents A + B   15627

...SPECIFICATION to affect the D(sub(i)) values of all document text
  strings obtained from that **document** . The **document** **weights** may be
  fixed, may be determined by certain document data, or may be determined
  from **user** **selections** of retrieved **text** strings. **Document**
  weights may be uniformly applied to all instances of all text strings
  in that document, or...

DIALOG(R)File 348:EUROPEAN PATENTS

00551355
Method for determining the inheritance and propagation of object attribute values.
Verfahren   zur   Bestimmung   der   Vererbung   und   Propagierung   von Objektattributwerten.
Methode pour determiner l'heredite et la propagation de valeurs d'attributs d'objets.
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Torres, Robert J., 6100 Meadowhill Drive, Colleyville, TX 76034, (US)
LEGAL REPRESENTATIVE:
   de Pena, Alain (15151), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 536074 A2 930407 (Basic)
                               EP 536074 A3 930609
APPLICATION (CC, No, Date):   EP 92480120 920828;
PRIORITY (CC, No, Date): US 771280 911003
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-009/44;
CITED REFERENCES (EP A):
   E. EBEL ET AL 'Das grose Buch zu WORD f r Windows' 1990 , DATA BECKER , D SSELDORF, GERMANY;

ABSTRACT EP 536074 A2
     Identification of a target object within an object hierarchy is made in response to user selection. The prior attribute values for the target object are then displayed on a display device. Upon user selection, new object attribute values are generated for the target object. A propagation group for the new object attribute values is made in response to user designation of relating factors and the new object attribute values are applied to all objects within the related group. (see image in original document)
ABSTRACT WORD COUNT: 85

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 930407 A2 Published application (A1with Search Report ;A2without Search Report)
 Search Report: 930609 A3 Separate publication of the European or International search report
 Examination: 931020 A2 Date of filing of request for examination: 930819
 Withdrawal: 960828 A2 Date on which the European patent application was withdrawn: 960704
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	545
SPEC A	(English)	EPABF1	3986
Total word count - document A			4531
Total word count - document B			0
Total word count - documents A + B			4531

...SPECIFICATION provide a method for defining propagation groups for

particular object attribute values without limitation of **object   rank**
or predefined interrelationships among objects.
   The present invention provides, in response to **user** initiation,
display of object attribute values for **objects** of **ranks   higher**
than a current object in the data hierarchy.
   The present invention provides common response to **user** initiation,
display of object attribute values for **objects   ranked** below the
current **object** in a data hierarchy. In response to user initiation,
changes in object attribute values are...

 29/5,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00268043
Database system for parallel processor.
Datenbanksystem fur Parallelprozessor.
Systeme de base de donnees pour processeur parallele.
PATENT ASSIGNEE:
   THINKING MACHINES CORPORATION, (757500), 245 First Street, Cambridge
      Massachusetts 02142, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Kahle, Brewster, 38 The Fenway, Boston Massachusetts 02215, (US)
   Stanfill, Craig W., 37 Lewis Road, Belmont Massachusetts 02178, (US)
LEGAL REPRESENTATIVE:
   Patentanwalte Grunecker, Kinkeldey, Stockmair & Partner (100721),
      Maximilianstrasse 58, D-80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 251594   A2   880107 (Basic)
                              EP 251594   A3   911009
                              EP 251594   B1   940907
APPLICATION (CC, No, Date):   EP 87305461 870619;
PRIORITY (CC, No, Date): US 878532 860625
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-015/40;
CITED REFERENCES (EP A):
   ONLINE REVIEW. vol. 8, no. 6, December 1984, NEW YORK US pages 569 - 584;
      C. POUGE ET AL.: 'AN EVALUATION OF DOCUMENT RETRIEVAL FROM SERIAL FILES
      USING THE ICL DISTRIBUTED ARRAY PROCESSOR '
   AFIPS CONFERENCE PROCEEDINGS 1983 NATIONAL COMPUTER CONFERENCE May 16,
      1983, ANAHEIM, US pages 299 - 307; E.W. DAVIS: 'APPLICATION OF THE
      MASSIVELY PARALLEL PROCESSOR TO DATABASE MANAGEMENT SYSTEMS '
   MINI MICRO CONFERENCE RECORD. vol. 19/5, November 8, 1983, SAN FRANCISCO,
      US pages 1 - 6; P. CAVILL: 'TRANSPUTER SYSTEMS '
   THE SMART RETRIEVAL SYSTEM, EXPERIMENTS IN AUTOMATIC DOCUMENT PROCESSING,
      G. SALTON, EDITOR, PRENTICE-HALL, INC. 1971, NEW JERSEY, US pages 313 -
      323; J.J. ROCCHIO, JR.: 'CHAPTER 14: RELEVANCE FEEDBACK IN INFORMATION
      RETRIEVAL '
   COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 24, no.
      5, May 1981, NEW YORK US pages 297 - 298; R. NIX: 'EXPERIENCE WITH A
      SPACE EFFICIENT WAY TO STORE A DICTIONARY '
   COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 29, no.
      12, December 1986, NEW YORK US pages 1229 - 1239; C. STANFILL ET AL.:
      'PARALLEL FREE-TEXT SEARCH ON THE CONNECTION MACHINE SYSTEM ';

ABSTRACT EP 251594 A2
   A method is disclosed for using a single instruction multiple data
(SIMD) computer (10) which makes it possible to perform thousands of
operations in parallel. The words of each document are stored by
surrogate coding in tables in one or more of the processors (35) of the

SIMD computer. To determine which documents of the database contain a
word that is the subject of a query, a query is broadcast from a central
computer (10) to all the processors (35) and the query operations are
simultaneously performed on the documents stored in each processor (35).
The results of the query are then returned to the central computer (10).
After all the search words have been broadcase to the processors (35) and
point values accumulated as appropriate, the point values associated with
each document are reported to the central computer (10). The documents
with the largest point values are then ascertained and their
identification is provided to the user.
ABSTRACT WORD COUNT: 162

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 880107 A2 Published application (A1with Search Report
                               ;A2without Search Report)
 Change: 910116 A2 Representative (change)
 Search Report: 911009 A3 Separate publication of the European or
                               International search report
 Examination: 920422 A2 Date of filing of request for examination:
                               920224
 Examination: 930519 A2 Date of despatch of first examination report:
                               930405
 Grant: 940907 B1 Granted patent
 Oppn None: 950830 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS B   (English)   EPBBF1   567
     CLAIMS B   (German)   EPBBF1   534
     CLAIMS B   (French)   EPBBF1   616
     SPEC B   (English)   EPBBF1   4276
Total word count - document A   0
Total word count - document B   5993
Total word count - documents A + B   5993

...SPECIFICATION documents stored in the central computer for the presence
   of one or more of those **words** , computes point value **scores** for the
   documents , if applicable, and identifies to the **user** the documents
   selected by this process. the user then examines the documents and
   informs the central computer which...

 29/5,K/16   **(Item 16 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00969930   **Image available**
A METHOD AND APPARATUS FOR PERIODICALLY DELIVERING AN OPTIMAL BATCH
   BROADCAST SCHEDULE BASED ON DISTRIBUTED CLIENT FEEDBACK
PROCEDE ET APPAREIL DE DIFFUSION PERIODIQUE D'UN PROGRAMME DE DIFFUSION DE
   LOT OPTIMAL BASE SUR LE RETOUR CLIENT REPARTI
Patent Applicant/Assignee:
  INTEL CORPORATION, 2200 Mission College Boulevard, Santa Clara, CA 95052,
     US, US (Residence), US (Nationality)
Inventor(s):
  CONNELLY Jay, 3148 NW 126th Place, Portland, OR 97229, US,
Legal Representative:
  MALLIE Michael J (agent), Blakely, Sokoloff, Taylor & Zafman, 7th Floor,
     12400 Wilshire Boulevard, Los Angeles, CA 90025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2002104031 A1 20021227 (WO 02104031)

Application: WO 2002US17316 20020531   (PCT/WO US0217316)
Priority Application: US 2001882105 20010615
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
   RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04N-007/173
International Patent Class: H04N-007/16; H04H-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
   Detailed Description
   Claims
Fulltext Word Count: 22935

English Abstract
   A method and system for periodically deriving an optimal batch broadcast
   schedule based on client demand feedback data from a distributed set of
   broadcast clients. The broadcast system includes an operation center that
   broadcasts meta-data to a plurality of client systems. The meta-data
   describes a plurality of pieces of content that are in consideration for
   upcoming broadcasts by the server. Each client receives the broadcasted
   meta-data from and sends back a set of client demand feedback data to the
   operations center, wherein the user feedback data reflects a client's
   interest level in at least a portion of the pieces of content. The
   feedback data, which typically may include ratings and/or relative
   rankings, may be user-generated, automatically-generated, or a
   combination of the two. The system then send a batch of content based on
   an aggregation of the feedback data in combination with available
   broadcast bandwidth and broadcast schedule window.

French Abstract
   L'invention concerne un procede et un systeme de derivation periodique
   d'un programme de diffusion de lot optimal base sur des donnees de retour
   de demande client provenant d'un ensemble reparti de clients recevant la
   diffusion. Le systeme de diffusion est dote d'un centre operationnel
   diffusant des meta-donnees a plusieurs systemes clients. Les meta-donnees
   decrivent plusieurs pieces de contenu qui sont considerees pour les
   diffusions ulterieures par le serveur. Chaque client recoit les
   meta-donnees diffusees et renvoie un ensemble de donnees de retour de
   demande client au centre operationnel. Les donnees de retour utilisateur
   refletent le niveau d'interet du client dans au moins une partie des
   pieces de contenu. Les donnees de retour, qui peuvent generalement
   inclure des evaluations et/ou des classements relatifs, peuvent etre
   generees par l'utilisateur, generees automatiquement ou encore se
   presenter comme une combinaison des deux. Ce systeme envoie ensuite un
   lot de contenu base sur un regroupement de donnees de retour combinees a
   une largeur de bande de diffusion disponible et une fenetre de
   programmation de diffusion.

Legal Status (Type, Date, Text)
Publication 20021227 A1 With international search report.
Publication 20021227 A1 Before the expiration of the time limit for
                        amending the claims and to be republished in the
                        event of the receipt of amendments.
Examination   20030918 Request for preliminary examination prior to end of
                        19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... of the 1 5 present invention. For example, in one embodiment the user
  of a **client** system may **select** a switch that enables stored data files
  to automatically be replaced by one or more data **files** corresponding to
  higher **rated** pieces of content when those data files are
? t29/5,k/21-22,24,27

 29/5,K/21   (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00953643
SYSTEM AND METHOD FOR ADAPTING INFORMATION CONTENT FOR AN ELECTRONIC DEVICE
SYSTEME   ET   PROCEDE PERMETTANT D'ADAPTER UN CONTENU D'INFORMATIONS POUR UN
    DISPOSITIF ELECTRONIQUE
Patent Applicant/Assignee:
  NOVARRA INC, 3232 N. Kennicott Avenue, Arlington Heights, IL 60015, US,
    US (Residence), US (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
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    US (Nationality), (Designated only for: US)
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Legal Representative:
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Patent and Priority Information (Country, Number, Date):
  Patent: WO 200287135 A2 20021031 (WO 0287135)
  Application: . WO 2002US13173 20020425   (PCT/WO US0213173)
  Priority Application: US 2001843036 20010425; US 2001842474 20010425
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04L
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 16655

English Abstract
  A system and method is provided for efficiently adapting information
  content for an electronic device. A normalizer includes a template
  normalizer for matching and applying a document tree to a template tree,
  and applying changes to the document tree. If the template normalizer
  does not find an appropriate template match, an automatic normalizer is

utilized. The automatic normalizer utillizes weighting heuristics and
pattern recognition with formatingrules to partition content into
folders. The automatic normalizer can also utilizse embedded
normalization markup in the information content to assist in normalizing
the information content. Information content can be represented by
document object tree. A document object tree is created by storing
information relating to the information content into arrays. The stored
information describes a document object tree structure and tree
dependencies as a mutable object.

French Abstract
  L'invention concerne un systeme et un procede permettant d'adapter
  efficacement un contenu d'informations pour des dispositifs
  electroniques. Un normalisateur comprend un normalisateur de modele
  destine a mettre en correspondance une arborescence de documents et une
  arborescence de modeles, et d'appliquer des modifications a
  l'arborescence de documents. Si le normalisateur de modele ne trouve pas
  de correspondance de modele approprie, on utilise un normalisateur
  automatique. Ledit normalisateur automatique utilise des connaissances
  heuristiques de ponderation et la reconnaissance de modeles a l'aide de
  regles de formatage afin de separer un contenu en dossiers. Il peut
  egalement utiliser une balise de normalisation incorporee dans ledit
  contenu d'informations afin de favoriser la normalisation du contenu
  d'informations. Ce contenu d'informations peut etre represente par une
  arborescence d'objets de documents. Ladite arborescence d'objets de
  documents est creee afin de stocker des informations relatives a un
  contenu d'informations dans des ensembles. Les informations stockees
  decrivent une structure arborescente d'objets de documents et des
  dependances arborescentes sous forme d'objet mutable.

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Publication   20021031 A2 Without international search report and to be
                         republished upon receipt of that report.
Withdrawal   20030417 Withdrawal of international application after
                         international publication

Fulltext Availability:
  Detailed Description ·

Detailed Description
...   objects in a document more than others. The user's statistics can be
  used to **increase** the priority/ **weight** of an **object** in the tree in
  order that the **user** be **displayed** that object first.

  This allows the page to be adapted to the user's tendency...

 29/5,K/22   (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00943712   **Image available**
COMPOSITION ASSISTING DEVICE
DISPOSITIF D'AIDE A LA COMPOSITION
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    NZ (Nationality), (Designated only for: US)
Legal Representative:
  CALHOUN Douglas C (et al) (agent), A J Park, 6th Floor Huddart Parker

English Abstract
  The composition assisting device of the present invention allows a user
  to input a melody, for example 10 melodic events, and the device outputs
  a series of new melodies. The new melodies have the same number of
  melodic events as the inputed event, but the order of the melodic events
  are different from the input melody. The output melodies are generated
  and based on a number of parameters that are set by the user. Therefore,
  the present invention allows a musical composer access to a set of
  melodies that can be used to assist the creative process of creating a
  musical piece.
French Abstract
  Le dispositif d'aide a la composition de cette invention permet a un
  utilisateur d'entrer une melodie, par exemple 10 evenements melodiques,
  pour que ce dispositif emette en sortie une serie de nouvelles melodies.
  Ces nouvelles melodies possedent le meme nombre d'evenements melodiques
  que la melodie entree, mais l'ordre de ces evenements melodiques differe
  de celui de la melodie d'entree. Les melodies de sortie sont generees en
  fonction d'un certain nombre de parametres fixes par l'utilisateur.
  Ainsi, cette invention permet a un compositeur musical d'acceder a un
  ensemble de melodies pouvant etre utilisees en tant qu'aide dans le
  processus de creation d'un morceau de musique.

Fulltext Availability:
  Detailed Description

Detailed Description
... uses like avant-garde music. Therefore, by ordering the output
  melodies within the output midi **file** based on rhythmic **weight** , where
  those with **higher** rhythmic **weights** are placed first in the output
  file, when a **user** listens or **views** to the output file those
  permutations with **higher** rhythmic **weights** will be listened to or
  viewed first.

00903251   **Image available**
SYSTEM AND METHOD FOR PERFORMING CONTENT EXPERIENCE MANAGEMENT
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER LA GESTION D'EXPERIMENTATION DE CONTENUS
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    ,
  STEIN Andrew J, 120 East End Avenue, New York, NY 10028, US,
Legal Representative:
  GOTTS Lawrence J (et al) (agent), Shaw Pittman LLP, 1650 Tysons
    Boulevard, McLean, VA 22102-4859, US,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200237334 A1 20020510 (WO 0237334)
  Application: WO 2001US42842 20011030 (PCT/WO US0142842)
  Priority Application: US 2000243862 20001030
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
  SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
International Patent Class: **G06F-017/60** ; G06F-015/16
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 20189

English Abstract
  A system and method for content experience management is disclosed. The
  system includes content (102), user (104) and client (106) databases, and
  a recommendation engine (108) and server (112) that facilitates the
  delivery, presentation, and management of several types of content by
  businesses to design meaningful, lasting and effective experiences for
  consumers. The method and computer program product keeps consumers
  utilizing a new media device engaged, communicates brand messages, and
  develops consumer loyalty via a variety of touchpoints (116). The
  business would employ the system described herein to return appropriate
  experience enhancing content to the consumer. The experience enhancing
  content is selected by the recommendation engine based databases. The
  content is then presented to the consumer as part of the Web browsing
  experience. The consumer's reactions are correlated to the content
  delivered and sent to the business as "feedback data". Because the system
  is outcome-focused, the feedback data are forwarded to the system.

French Abstract
   La presente invention concerne un systeme et un procede permettant de
   gerer des experiences de contenus. Le systeme comprend des bases de
   donnees de contenus (102), d'usagers (104) et de clients (106) ainsi
   qu'un moteur (108) et un serveur (112) de recommandations qui contribuent
   a distribuer, presenter et gerer plusieurs types de contenu par des
   entreprises pour concevoir des experiences significatives, durables et
   efficaces destinees aux consommateurs. Le procede et le produit de
   programme d'ordinateur permettent de retenir les consommateurs au moyen
   d'un nouveau dispositif mediatique connecte, de communiquer des messages
   de marques et de forger la fidelite des consommateurs au moyen d'une
   pluralite de kiosques multimedia (116). L'entreprise peut donc employer
   ce systeme pour renvoyer au consommateur du contenu approprie ameliorant
   l'experience. Le contenu ameliorant l'experience est selectionne par les
   bases de donnees fondees sur le moteur de recommandations. Le contenu est
   ensuite presente au consommateur dans le cadre d'une experience
   d'exploration Web. Les reactions du consommateur sont correlees au
   contenu distribue et envoyees a l'entreprise en tant que <= donnees de
   retroaction >=. Etant donne que le systeme est centre sur le resultat,
   les donnees de retroaction sont renvoyees au systeme.

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Publication   20020510 A1 With international search report.
Publication   20020510 A1 Before the expiration of the time limit for
                      amending the claims and to be republished in the
                      event of the receipt of amendments.

Main International Patent Class: G06F-017/30
International Patent Class: G06F-017/60 ...
Fulltext Availability:
   Claims

Claim
... in
   response to the user accessing the Web site;
   a step for selecting a content **file** using a **weighted** recommendation
   subroutine; a step for the **client** forwarding the **selected** content
   file to the user at the Web site; a step for monitoring the user...

 29/5,K/27   (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00833695   **Image available**
**A SYSTEM AND METHOD FOR PROVIDING AN INTELLIGENT MULTI-STEP DIALOG WITH A
      USER**
**SYSTEME ET PROCEDE   SERVANT A FOURNIR UN DIALOGUE INTELLIGENT A PLUSIEURS
      ETAPES AVEC UN UTILISATEUR**
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   KAY David, 18275 Knuth Road, Los Gatos, CA 95033, US,
   STERN Robert, 11000 Via Sorrento, Cupertino, CA 95014, US,

English Abstract
  A method and system are disclosed for retrieving information through the
  use of a multi-stage interaction with a client to identify particular
  knowledge content associated with a knowledge map. The present invention
  is an application program running on a server accessed via the world-wide
  web or other data network using standard Internet protocols, a web
  browser and web server software. In addition to an automated portion, the
  present invention allows a human dialog designer to model the way the
  system elicits information, giving a human feel to the dialog and a
  better customer experience. In operation, users start a dialog by
  directing their web browser to a designated web page. This web page asks
  the user some initial questions that are then passed to a dialog engine.
  The dialog engine then applies its methods and algorithms to a knowledge
  map, using dialog control information/and the user's responses to provide
  feedback to the user. The feedback may include follow-up questions,
  relevant documents, and instructions to the user (e.g., instructions to
  contact a human customer service representative). This dialog engine
  response is rendered as a web page and returned to the user's web
  browser. The user can then respond further to the follow-up questions he
  or she is presented, and the cycle repeats. The invention can be
  implemented so that it can interact with customers through a wide variety
  of communication channels including the Internet, wireless devices (e.g.,
  telephone, pager, etc.), handheld devices such as a Personal Data
  Assistant (PDA), email, and via a telephone where the automated system is
  delivered using an interactive voice response (IVR) and/or
  speech-recognition system.

French Abstract
  L'invention concerne un procede et un systeme servant a recuperer des
  informations par l'utilisation d'une interaction a plusieurs etapes avec
  un client pour identifier un contenu de connaissance particulier associe
  a une table de connaissance. L'invention concerne un programme
  d'application s'executant sur un serveur accessible par le Web ou par un
  autre reseau de donnees a l'aide de protocoles Internet standard, d'un
  explorateur Web et d'un logiciel de serveur Web. En plus d'une partie
  automatisee, la presente invention permet a un concepteur de dialogue
  humain de concevoir la facon dont le systeme obtient des informations,

donnant ainsi une touche humaine au dialogue avec une meilleure experience du client. En fonctionnement, les utilisateurs entament un dialogue en naviguant avec leur explorateur Web vers une page Web precise. Cette page Web pose a l'utilisateur quelques questions initiales qui sont ensuite transmises a un moteur de dialogue. Le moteur de dialogue applique alors ses methodes et algorithmes a une table de connaissance en utilisant des informations de commande de dialogue et les reponses de l'utilisateur pour fournir une retroaction a l'utilisateur. La retroaction peut inclure des questions de controle, des documents pertinents et des instructions destines a l'utilisateur (par exemple, des instructions pour contacter un representant du service clientele humain). Cette reponse du moteur de dialogue est restituee sous forme de page Web et renvoyee a l'explorateur Web de l'utilisateur. L'utilisateur peut alors continuer a repondre aux questions de controle qui lui sont adressees et le cycle se repete. Il est possible de mettre en oeuvre l'invention de sorte qu'elle interagisse avec les clients par l'intermediaire d'une large gamme de voies de communication, notamment l'Internet, des dispositifs sans fil (par exemple, telephone, radiomessageur, etc.), des dispositifs portatifs tels qu'un assistant personnel, une messagerie electronique, et par l'intermediaire d'un telephone ou le systeme automatise est fourni a l'aide d'un systeme interactif de reponse vocale ou d'un systeme de reconnaissance de la parole.

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Publication   20010913 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20020117 Late publication of international search report
Republication 20020117 A3 With international search report.
Examination   20020117 Request for preliminary examination prior to end of
                          19th month from priority date
Fulltext Availability:
  Detailed Description

Detailed Description
... A Web form.

   The Session State output contains some or all of the following.

   Tag **Records** : Concept-Node Name, **Weight** , Context Type (as discussed above)
   Question String: **user** input text
   Dialog **Action** Records: Dialog Action Type, Sequence ID, KC External ID
   Search Space **Record** : KC External ID, **Weight** , **Rank**
   Search Query String: **text** formulated by Search Engine to produce the Search Space
   Interaction with Search and Retrieval Engines...
? t29/5,k/29,31,33,35,38,40

 29/5,K/29   (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00811474   **Image available**
**SYSTEM AND METHOD FOR MANAGING ADVERTISEMENT AND INFORMATION DISPLAYS ON
    VEHICLES BASED ON AN E-COMMERCE SITE**
**SYSTEMES, PROCEDES ET PROGRAMMES D'ORDINATEUR SERVANT A PRESENTER DES
    INFORMATIONS SUR DES SIGNES**
Patent Applicant/Assignee:
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Legal Representative:
  PORTER Edward W (agent), Porter & Associates, One Broadway, Suite 600,
    Cambridge, MA 02142, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200145065 A2-A3 20010621 (WO 0145065)
  Application: WO 2000US34549 20001215 (PCT/WO US0034549)
  Priority Application: US 99170914 19991215; US 2000226000 20000816
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G09F-021/04
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Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 45613

English Abstract
  A system shows messages on electronic displays, including networks of
  outdoor displays, such as displays mounted on vehicles. With such vehicle
  displays, a display's current geographical location can be sensed, such
  as by a GPS receiver in the vehicle or by multiple wireless receivers
  separate from the vehicle. The sensed location can then be used to select
  which messages are shown the display. Different values can be associated
  with showing messages on displays at different locations and times, and
  values associated with the locations and time through which a display
  travels can be summed, such as for charging advertisers or crediting
  vehicle operators. The system can be controlled by a computer system,
  such as an e-commerce site, which allows advertisers to upload message
  content, select messages, and select the time and place at which a
  messages is to be shown, either directly or by specifying criteria for
  the system to select such times and places. Message content and
  information controlling which messages are shown when and where can be
  downloaded to display, such as by wireless.

French Abstract
  Selon l'invention, un systeme presente des messages sur des ecrans
  electroniques, notamment des reseaux d'ecrans de presentation en plein
  air, tels que ceux qu'on monte sur des vehicules. Avec de tels ecrans
  montes sur des vehicules, le lieu geographique courant d'un ecran peut

etre detecte, par exemple au moyen d'un recepteur GPS place dans le
vehicule ou de plusieurs recepteurs sans fil places hors du vehicule. Le
lieu detecte peut ensuite etre utilise comme critere de choix pour
determiner quels messages seront presentes. Differentes valeurs peuvent
etre associees a la presentation des messages sur des ecrans a differents
lieux ou heures, et des valeurs associees a des lieux ou a des heures de
deplacement d'un ecran peuvent etre calculees, notamment pour debiter des
annonceurs publicitaires ou pour crediter des operateurs de vehicules. Le
systeme peut etre pilote par un systeme informatique, tel qu'un site de
commerce electronique, qui permet aux annonceurs publicitaires de
telecharger des contenus de message, de selectionner des messages, et de
choisir l'heure et le lieu auxquels un message doit etre presente, soit
directement soit en fonction de criteres precis obligeant le systeme a
choisir ces heures et ces lieux. Les contenus de message et l'information
servant a determiner les messages a presenter ainsi que l'heure et le
lieu de presentation peuvent etre telecharges aux fins de leur affichage,
notamment par un moyen sans fil. Des cameras peuvent etre associees aux
ecrans et utilisees pour fournir des informations concernant l'audience
potentielle a retenir comme critere de choix de l'heure et du lieu de
presentation des messages. Ces cameras peuvent egalement etre utilisees
pour rassembler d'autres types d'informations, tels que des informations
relatives a la circulation routiere ou a la meteo. Des informations
relatives aux images ou a la vitesse peuvent etre combinees a partir de
plusieurs ecrans, puis distribuees, notamment par presentation sur les
ecrans du systeme.

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Examination   20011101 Request for preliminary examination prior to end of
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Search Rpt   20020131 Late publication of international search report
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...International Patent Class: G06F-017/60
Fulltext Availability:
  Detailed Description

Detailed Description
...   remaining period of time. The method selects which
  of possible messages to show on an **individual   display** as a
  function of the relative values of the desired display **rates**
  associated with different **messages** , so as to favor the selection
  of messages having a **higher** desired display **rate** . The method
  then uses information that a given message has been selected to
  be shown...

 29/5,K/31   (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00809347   **Image available**
METHODS AND SYSTEMS FOR SELECTING TRAVEL PRODUCTS
PROCEDES ET SYSTEMES PERMETTANT DE SELECTIONNER DES PRODUITS DE VOYAGE
Patent Applicant/Inventor:
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    (Residence), US (Nationality)
Legal Representative:
  DRIVAS Dimitrios T (et al) (agent), White & Case LLP, 1155 Avenue of the
    Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200142963 A2-A3 20010614 (WO 0142963)
  Application: WO 2000US33437 20001207 (PCT/WO US0033437)
  Priority Application: US 99226442 19991207
Designated States: AG AT AU BB BR CA CN DE DK ES FI GB IL IN IS JP MX NZ PL
  PT RU SE SG TR UA ZA
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Main International Patent Class: **G06F-017/60**
International Patent Class: **G06F-017/30**
Publication Language: English
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Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5733

English Abstract
  A system for selecting travel products is described. The methods and
  system of the invention enable a travel agent or client to search a
  travel database that contains information about: (i) technical
  specifications about a travel product; (ii) price information for the
  travel product; (iii) comparative pricing information about the travel
  product, e.g., travel specials; (iv) graphical and pictorial information
  about the travel product; (v) sales and promotional messages; (vi) a
  uniform resource locator (URL) address for a Web site containing
  information and hyperlinks to other Internet sites of interest on the
  Worldwide Web; or (vii) on virtual faxes. The methods and system of the
  present invention enable the travel agent to search a remotely located
  travel database using a wide range of selection criteria and provide the
  supplier of travel products with a comparatively inexpensive and rapid
  method for distributing information about all their travel products using
  a system of virtual faxes. The methods and systems of searching,
  retrieving and distributing information using this invention may be
  applied to other areas requiring rapid distribution of information to a
  geographically disperse group of users.

French Abstract
  L'invention concerne un systeme permettant de selectionner des produits
  de voyage. Les procedes et les systemes de l'invention permettent a un
  agent de voyage ou a un client de chercher dans une base de donnees de
  voyage, des donnees se rapportant (i) aux specifications techniques
  concernant le produit de voyage, (ii) aux informations concernant le prix
  du produit de voyage, (iii) aux informations comparatives sur les prix
  concernant le produit de voyage, comme les occasions de voyage, par
  exemple, (iv) aux informations graphiques concernant le produit de
  voyage, (v) aux messages de vente et de promotion, (vi) a une adresse de
  localisateur de ressources universel (URL) d'un site Web contenant les
  informations et les hyperliens conduisant a d'autres sites Internet
  interessants sur le Web, ou (vii) aux faxes virtuels. Les procedes et les
  systemes de la presente invention permettent a l'agent de voyage de
  consulter une base de donnees de voyage situee a distance par
  l'intermediaire d'une large gamme de criteres de selection, et
  fournissent a l'agent de voyage un procede lui permettant de distribuer
  de facon relativement economique et rapide des informations concernant
  ses produits de voyage par l'intermediaire d'un systeme de faxes
  virtuels. Les procedes et les systemes de recherche, de recuperation et
  de distribution d'informations utilisant cette invention peuvent etre
  appliques a d'autres domaines necessitant une distribution rapide des
  informations vers un groupe d'utilisateurs geographiquement disperse.

Legal Status (Type, Date, Text)

Publication   20010614 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20010927 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20021128 Late publication of international search report
Republication 20021128 A3 With international search report.

Main International Patent Class: **G06F-017/60**
International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... and data record C, selection criteria x (207). The results of the
  search may be **displayed** on the **user** 's Web enabled device 208 or
  processed filaher.
  The data **records** selected may be **rank** -ordered as follows. The
  software of the invention allows assignment of a numerical weight factor
  ...

 29/5,K/33   (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00805848   **Image available**
HYPERVIDEO TRACKING AND REPORTING SYSTEM
**SYSTEME   D'ETABLISSEMENT DE RAPPORT ET DE SUIVI DU COMPORTEMENT DE
  L'UTILISATEUR DANS UN SYSTEME HYPERVIDEO**
Patent Applicant/Assignee:
  VEON LTD, 15 Hagalim Blvd., 46733 Herzliya, IL, IL (Residence), IL
    (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  HERMUSH Yossi, 8 Shderot Hazionut, 62157 Tel Aviv, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  KERET Rottem, 120 Shchenia, 20142 Shchenia, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  WELLER Shmuel, 21 Shalom Ash Street, 69483 Tel Aviv, IL, IL (Residence),
    IL (Nationality), (Designated only for: US)
  HAREL Dror, 29 Hadafna Street, 42823 Tzoran, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
Legal Representative:
  SINAI Henry (et al) (agent), Eitan, Pearl, Latzer & Cohen-Zedek, 2 Gav
    Yam Center, 7 Shenkar Street, 46725 Herzlia, IL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200139485 A2-A3 20010531 (WO 0139485)
  Application: WO 2000IL784 20001123 (PCT/WO IL0000784)
  Priority Application: US 99167165 19991123
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: H04H-009/00
International Patent Class: H04N-007/16; G06F-015/16; **G06F-007/00** ;
  G06F-017/30; G06F-009/45
Publication Language: English

Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6913

English Abstract
  The present invention facilitates tracking and reporting of user behavior
  in a hypervideo system. The system provides tracking and recording of
  media viewed by a user, where media comprises hypervideo video-enhanced
  pages and other media types. The system is operable to create a
  user-configurable report (101), comprising data regarding user use of the
  media, such as indicating the number of times each media has been viewed
  (102) and indicating the number of times each path has been taken through
  each hypervideo application.

French Abstract
  La presente invention concerne un systeme d'etablissement de rapport et
  de suivi du comportement de l'utilisateur dans un systeme hypervideo. Ce
  systeme permet de suivre et d'enregistrer les medias visualises par
  l'utilisateur, les medias comprenant les pages renforcees video du
  systeme hypervideo et d'autres types de medias. Ce systeme permet de
  creer un rapport pouvant etre configure par un utilisateur et comprenant
  des donnees concernant l'utilisation des medias par l'utilisateur,
  notamment le nombre de visualisation de chaque media et le nombre de voie
  empruntee par une application hypervideo.

Legal Status (Type, Date, Text)
Publication   20010531 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20020207 Late publication of international search report
Republication 20020207 A3 With international search report.
Examination   20021227 Request for preliminary examination prior to end of
                         19th month from priority date

...International Patent Class: **G06F-007/00**
Fulltext Availability:
  Claims

Claim
... a media.

  12 The method of claim 1, wherein the report comprises the average time
  users spent **viewing** each media. . The method of claim 1, wherein the
  report   **sorts** media by the number of times each media has been viewed.

  14 The method of...

 29/5,K/35   **(Item 35 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00799844   **Image available**
SYSTEM AND METHOD FOR RETRIEVING INFORMATION WITH NATURAL LANGUAGE QUERIES
SYSTEME ET PROCEDE POUR RETROUVER DES INFORMATIONS PAR DES INTERROGATIONS
   EN LANGAGE NATUREL
Patent Applicant/Assignee:
  SAP AKTIENGESELLSCHAFT, Harald Hagedorn, Intellectual Property
    Department, Neurottstrasse 16, 69190 Walldorf, DE, DE (Residence), DE
    (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:
  KAISER Matthias, 1355 San Domar Drive #3, Mountain View, CA 94043, US, US
    (Residence), DE (Nationality), (Designated only for: US)
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200133414 A2 20010510 (WO 0133414)
  Application: WO 2000EP10454 20001024   (PCT/WO EP0010454)
  Priority Application: DE 19952769 19991102
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 9803

English Abstract
  A search machine finds and ranks documents in a database based on a set
  of rules that match characteristics of the database with a natural
  language query. The system includes a lexicon component which may parse
  the query and the database into words and word stems. Thereafter, the
  query and documents may be vectorized such that the elements of the
  vector correspond to a given word stem, and the value of the element in
  the vector corresponds to the number of occurrences of the word in the
  document. The vectorized query is then compared and evaluated against
  each of the vectorized documents of the database to obtain a ranked list
  of documents from the database. The user may evaluate the documents found
  and provide information back to the search machine in order to adjust,
  for example, the ranking produced by the search machine. In this way, the
  search machine can fine tune its search and ranking technique to meet the
  user's specific criteria.

French Abstract
  Une machine de recherche a pour but de rechercher et de classer des
  documents dans une base de donnees conformement a un ensemble de regles
  adaptant les caracteristiques de la base de donnees a des interrogations
  en langage naturel. Le systeme comprend un composant lexique qui peut
  analyser la question et la base de donnees en mots et radicaux. Apres
  quoi, la question et les documents peuvent etre vectorises de telle facon
  que les elements du vecteur correspondent a une racine de mots
  determinee, et que la valeur de l'element dans le vecteur corresponde au
  nombre de fois que le mot se presente dans le document. La question
  vectorisee est ensuite comparee et evaluee par rapport a chacun des
  documents vectorises de la base de donnees, de maniere a obtenir une
  liste classee de documents provenant de la base de donnees. L'utilisateur
  peut evaluer les documents trouves et fournir des informations en retour
  a la machine de recherche en vue d'ajuster, par exemple, le classement
  fourni par la machine de recherche. De cette maniere, la machine de
  recherche peut mettre au point de facon plus precise sa recherche et son
  classement en vue de repondre aux criteres specifiques de l'utilisateur.

Legal Status (Type, Date, Text)
Publication 20010510 A2 Without international search report and to be
                  republished upon receipt of that report.

Fulltext Availability:
  Detailed Description

Detailed Description
... for each document in the
  database 110. Such a list may be presented to the **user** ,
  or used to **display** interactively the actual text of the
  documents that were **ranked** in the search.

  The **vector** evaluator 142 and its application
  of the **vector** rule base 1431 in determining a documents
  relevance to the query document 10 may be...

 29/5,K/38   (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784131
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH
    COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION
    MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
    D'INFORMATIONS
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
    , US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800,
    2029 Century Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116723 A2-A3 20010308 (WO 0116723)
  Application: WO 2000US24083 20000831 (PCT/WO US0024083)
  Priority Application: US 99386238 19990831
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
  EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  TZ UA UG UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-009/44
International Patent Class: G06F-009/46
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 150940

English Abstract
  A system, method, and article of manufacture are provided for retrieving
  muliple business objects across a network in one access operation. A
  business object and a plurality of remaining objects are provided on a
  persistent store. Upon receiving a request for the business object, it is

established which of the remaining objects are related to the business
object. The related objects and the business object are retrieved from
the persistant store in one operation and it is determined how the
retrieved related objects relate to the business object and each other. A
graph of relationships of the business and related objects is
instantiated in memory.

French Abstract
La presente invention concerne un systeme, un procede et un article
manufacture destine a la recuperation de plusieurs objets d'affaires dans
un reseau en une operation d'acces. A cet effet, on dispose dans une
memoire permanente d'un objet d'affaire et d'une pluralite d'objets
restants. Des la reception d'une requete se rapportant a un objet
d'affaires, on recherche deux des objets restants qui sont en relations
avec l'objet d'affaires. Une seule operation permet ainsi de recuperer
dans la memoire permanente ces objets ainsi que l'objet d'affaires. Il ne
reste plus qu'a determiner les relations existant d'une part entre les
objets consideres et d'autre part entre ces objets et l'objet d'affaires.
Une instanciation d'un graphique des relations entre les objets et
l'objet d'affaire est conservee en memoire.

Legal Status (Type, Date, Text)
Publication   20010308 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20010809 Request for preliminary examination prior to end of
                        19th month from priority date
Search Rpt   20020912 Late publication of international search report
Republication 20020912 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... managing field inter-dependencies and invoking application logic based
  on the state of fields and **user   actions** .

  For example, the Field Interaction Manager may disable the "OK" button
  until all required input...

 29/5,K/40   (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00746276
**LOCATING   INFORMATION   ON   AN   OPTICAL   MEDIA   DISC TO MAXIMIZE THE RATE OF
    TRANSFER**
**LOCALISATION   DES INFORMATIONS SUR UN DISQUE SUPPORT OPTIQUE POUR AUGMENTER
    LA VITESSE DE TRANSFERT**
Patent Applicant/Assignee:
  MICROSOFT CORPORATION, One Microsoft Way, Building 4, Redmond, WA
    98052-6399, US, US (Residence), US (Nationality)
Inventor(s):
  BALLANTYNE Joseph C, 17336 N.E. 34th Street, Redmond, WA 98052, US
Legal Representative:
  SCOTTI Robert F, Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP,
    Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR
    97204, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200058958 A1 20001005 (WO 0058958)
  Application: WO 2000US3352 20000209 (PCT/WO US0003352)

Priority Application: US 99282582 19990331
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G11B-007/26
International Patent Class: G11B-007/28; G11B-007/007; G11B-007/00;
  G06F-003/06
Publication Language: English
Filing Language: English
Fulltext Availability:.
  Detailed Description
  Claims
Fulltext Word Count: 15313

English Abstract

A user-interactive program assists a user in locating files on optical
media discs such as CD-ROMs and DVDs to enhance file-transfer rates and
program installation times in computers with a Constant Angular Velocity
(CAV) optical media disc drive. In addition, an application program
calculates an optimal location for files and/or directories on an optical
media disc so that the files are located near the location with the
highest data transfer rate. This program may be used to compute an image
file that defines where data will be located on an optical disc, or may
be used to control transfer of data to the optical media disc.

French Abstract

L'invention porte sur un programme interactif pour utilisateur l'aidant a
localiser les fichiers figurant sur un disque support optique tel qu'un
C.D. ou un CVD afin d'accroitre la vitesse de transfert des fichiers et
le temps d'installation de programmes dans un ordinateur muni d'une unite
de disque optique a vitesse angulaire constante (CAV). En outre un
programme d'application calcule l'emplacement optimal des fichiers et/ou
des repertoires sur le disque optique pour que les fichiers soient places
a proximite de l'emplacement ou la vitesse de transfert est la plus
elevee. Ce programme peut servir a calculer un fichier image definissant
ou les donnees seront placees sur un disque optique ou pourront servir a
commander le transfert de donnees vers le disque support optique.

Legal Status (Type, Date, Text)
Publication   20001005 A1 With international search report.
Publication   20001005 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of the receipt of amendments.
Examination   20010111 Request for preliminary examination prior to end of
                          19th month from priority date

Fulltext Availability:
  Claims

Claim
... computer
  readable files;
  displaying the optical media disc image file order list;
  in response to **user** input, **selecting** files or directories from the
  displayed list to have a **higher** data transfer **rate** than the
  unselected **files** or directories; and controlling transfer of the files

of the optical media disc image file...
? t29/5,k/42-43,47,51-55

29/5,K/42   (Item 42 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00733714   **Image available**
METHOD FOR RETRIEVING SEMANTICALLY DISTANT ANALOGIES
PROCEDE PERMETTANT DE RETROUVER DES ANALOGIES SEMANTIQUEMENT ELOIGNEES
Patent Applicant/Assignee:
  HUNTSMAN ICI CHEMICALS LLC, 500 Huntsman Way, Salt Lake City, UT 84108,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  GILLIS Herbert R, 94 Woodway Drive, West Deptford, NJ 08066-1732, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  BOLAND Kevin J, Huntsman Polyurethanes, 286 Mantua Grove Road, West
    Deptford, NJ 08066-1732, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200046701 A1 20000810 (WO 0046701)
  Application: WO 2000US3120 20000207 (PCT/WO US0003120)
  Priority Application: US 99119134 19990208; US 99134592 19990517
Designated States: US
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 40938

English Abstract
  A process of identifying terms or sets of terms in target domains having
  functional relationships (roles) analogous to terms (contained in the
  query) selected from a source domain whereby query-relevant but
  semantically distant (novel) analogies may be retrieved, corresponding to
  any user defined query. The process is capable of discovering deep
  functional analogies between terms in source and target domains, even
  where there is a misleading superficial matching of terms (i.e. same
  terms, with different meanings) between the query and the target domains.
  The process comprises the automated generation of abstract
  representations of source domain content, and application of the abstract
  representations of content to the efficient discovery of analogous
  objects in one or more semantically distant target domains. Said abstract
  representations of terms are preferably vectors in a high dimensionality
  space, encapsulating characteristic occurrence patterns of terms in the
  source domain.

French Abstract
  L'invention concerne un procede permettant d'identifier des termes ou des
  ensembles de termes dans des domaines cibles qui ont des relations
  fonctionnelles (fonctions) analogues aux termes (contenus dans la
  demande) selectionnes dans un domaine source, et permettant de retrouver
  des analogies relevant de la demande mais semantiquement eloignees
  (nouvelles), en reponse a n'importe quelle demande definie par
  l'utilisateur. Ce procede permet de decouvrir des analogies
  fonctionnelles profondes entre des termes du domaine source et ceux du
  domaine cible, meme lorsqu'il existe une association superficielle de

termes pretant a confusion (p. ex. termes identiques de significations
differentes) entre la demande et les domaines cible. Ce procede comprend
une generation automatisee de representations abstraites du contenu du
domaine source, ces representations abstraites de contenu etant ensuite
appliquees en vue d'une decouverte efficace d'objets analogues dans un ou
plusieurs domaines cible semantiquement eloignes. Ces representations
abstraites de termes sont de preference des vecteurs dans un espace
dimensionnel important, qui encapsulent des structures de frequence
caracteristiques de termes dans le domaine source.

Legal Status (Type, Date, Text)
Publication   20000810 A1 With international search report.
Publication   20000810 A1 Before the expiration of the time limit for
                           amending the claims and to be republished in the
                           event of the receipt of amendments.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... below.

  It has also been considered to employ known techniques of user feedback
  optimization, whereby **highly   ranked   records** or **record** portions
  from an initial search (query, or **user - selected** -term) on the target
  domains, which records the **user   selects** as particularly relevant to
  his needs, are utilized in focusing the results of subsequent searches...

 29/5,K/43   (Item 43 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00543749   **Image available**
AN IMPROVED INFORMATION RETRIEVAL SYSTEM UTILIZING PROBABILITIES
**SYSTEME   AMELIORE   DE   RECHERCHE   D'INFORMATIONS   FAISANT   APPEL   A   DES
    PROBABILITES**
Patent Applicant/Assignee:
  GTE INTERNETWORKING INCORPORATED,
Inventor(s):
  SCHWARTZ Richard M,
  MILLER David R H,
  LEEK Timothy R,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200007122 A1 20000210 (WO 0007122)
  Application: WO 99US16983 19990728   (PCT/WO US9916983)
  Priority Application: US 98127685 19980731
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU
  TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
  CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
International Patent Class: G10L-009/06
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims

Fulltext Word Count: 7469

English Abstract
  Methods and systems consistent with the present invention provide an
  improved IR system that performs information retrieval by using
  probabilities. When performing information retrieval, the improved IR
  system utilizes both the prior probability (410) that a document is
  relevant independent of the query as well as the probability that the
  query was generated by a particular document given that the particular
  document is relevant (414). By using these probabilities, the improved IR
  system retrieves documents (416) in a more accurate manner than
  conventional systems which are based on an ad hoc approach.

French Abstract
  les procedes et le systeme selon l'invention assurent une meilleure
  recherche des informations par recours aux probabilites. Pour la
  recherche d'informations, ce systeme ameliore fait intervenir deux
  probabilites: une probabilite anterieure (410) selon laquelle un document
  est pertinent independamment de l'interrogation, et une autre probabilite
  (414) selon laquelle l'interrogation a ete emise pour un document
  determine pour autant que ce document soit pertinent (414). Grace a ces
  probabilites, le systeme de recherche de l'information retrouve des
  documents (416) avec plus de precision que les systemes traditionnels
  bases sur une approche ponctuelle.

Main International Patent Class: G06F-017/30
Fulltext Availability:
  Detailed Description

Detailed Description
... rel I features(d))
  1 2
  After factoring in the prior probability, the query engine **ranks** each
  of the **documents** by the final **score** (step 412). In this step, the
  query engine may only **display** to the **user** a predetermined number of
  documents having the **highest** **scores** .

  Although a ranking has been generated, the query engine performs a second
  pass, as described...

 29/5,K/47   **(Item 47 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00449250   **Image available**
INFORMATION RETRIEVAL UTILIZING SEMANTIC REPRESENTATION OF TEXT
EXTRACTION D'INFORMATIONS PAR REPRESENTATION SEMANTIQUE DU TEXTE
Patent Applicant/Assignee:
  MICROSOFT CORPORATION,
Inventor(s):
  MESSERLY John J,
  HEIDORN George E,
  RICHARDSON Stephen D,
  DOLAN William B,
  JENSEN Karen,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9839714 A1 19980911
  Application: WO 98US3005 19980211   (PCT/WO US9803005)
  Priority Application: US 97886814 19970307
Designated States: CN JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8231

English Abstract
  The present invention is directed to performing information retrieval
  utilizing semantic representation of text. In a preferred embodiment, a
  tokenizer generates from an input string information retrieval tokens
  that characterize the semantic relationship expressed in the input
  string. The tokenizer first creates from the input string a primary
  logical form characterizing a semantic relationship between selected
  words in the input string. The tokenizer then identifies hypernyms that
  each has an "is a" relationship with one of the selected words in the
  input string. The tokenizer then constructs from the primary logical form
  one or more altenative logical forms. The tokenizer constructs each
  alternative logical form by, for each of one or more of the selected
  words in the input string, replacing the selected word in the primary
  logical form with an identified hypernym of the selected word. Finally,
  the tokenizer generates tokens representing both the primary logical form
  and the alternative logical forms. The tokenizer is preferably used to
  generate tokens for both constructing an index representing target
  documents and processing a query against that index.

French Abstract
  L'invention concerne l'extraction d'informations au moyen d'une
  representation semantique du texte. Dans un mode de realisation prefere,
  un jetoneur genere, a partir d'une extraction d'informations de chaine
  d'entree, des jetons qui caracterisent la relation semantique exprimee
  dans ladite chaine d'entree. A partir de celle-ci, le jetoneur commence
  par creer une forme logique primaire caracterisant une relation
  semantique entre des mots selectionnes dans ladite chaine. Il identifie
  des hyperonymes ayant chacun une relation "est un" avec l'un des mots
  selectionnes de la chaine d'entree. Il construit a partir de la premiere
  forme logique une ou plusieurs formes logiques de substitution. Il
  construit chaque forme logique de substitution en remplacant, pour chaque
  mot selectionne ou davantage de la chaine d'entree, le mot selectionne
  dans la premiere forme logique par un hyperonyme identifie du mot
  selectionne. Pour finir, il genere des jetons representant aussi bien la
  forme logique primaire que les formes logiques de substitution. Le
  jetoneur est de preference utilise pour generer des jetons qui permettent
  de construire un index representant des documents cibles, ainsi que pour
  traiter une demande par comparaison avec ledit index.

Fulltext Availability:
  Detailed Description
Detailed Description
... be normalized using a number of other normalization techniques,
  including cosine measure normalization, sum of **term   weights**
  normalization, and maximum **term   weights** normalization.

  After calculating normalized **scores** for each matching **document** , the
  facility **ranks** the matching **documents** in order of the normalized
  scores for the **documents** . A **user** may preferably **select** one of the
  matching **documents** from the **ranked** list to obtain a location of the
  matching tokens in that document, or to display...

29/5,K/51   (Item 51 from file: 349)

00368277
MULTILINGUAL DOCUMENT RETRIEVAL SYSTEM AND METHOD USING SEMANTIC VECTOR MATCHING
SYSTEME DE RECHERCHE DE DOCUMENTS MULTILINGUES ET PROCEDE UTILISANT LA MISE EN CORRESPONDANCE DE VECTEURS SEMANTIQUES
Patent Applicant/Assignee:
  SYRACUSE UNIVERSITY,
  LIDDY Elizabeth D,
  PAIK Woojin,
  YU Edmund S,
  LI Ming,
Inventor(s):
  LIDDY Elizabeth D,
  PAIK Woojin,
  YU Edmund S,
  LI Ming,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9708604 A2 19970306
  Application: WO 96US13342 19960814 (PCT/WO US9613342)
  Priority Application: US 952473 19950816
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
  PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG
  AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-017/28
International Patent Class: G06F-17:30
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13054

English Abstract
  A document retrieval system (20) where a user can enter a query,
including a natural query, in a desired one of a plurality of supported
languages, and retrieve documents from a database (60) that includes
documents in at least one other language of the plurality of supported
languages. The user need not have any knowledge of the other languages.
Each document in the database is subjected to a set of processing steps
to generate a language-independent conceptual representation of the
subject content of the document. The query is also subjected to a
(possibly different) set of processing steps to generate a
language-independent conceptual representation of the subject content of
the query. Documents are matched to queries based on the conceptual-level
contents of the document and query, and, optionally, on the basis of the
term-based representation.

French Abstract
  Cette invention concerne un systeme de recherche de documents dans
lequel un utilisateur peut soumettre une interrogation, y compris une
interrogation en langage naturel, dans une langue choisie parmi une
pluralite de langues disponibles, et rechercher des documents dans une
base de donnees qui comporte des documents dans au moins un autre langue
appartenant a l'ensemble des langues disponibles. L'utilisateur peut
n'avoir aucune connaissance des autres langues. Chaque document de la
base de donnees est soumis a un ensemble de phases de traitement dans le
but de produire une representation conceptuelle, non liee a une langue,

du contenu dudit document. Ceci est normalement effectue avant que
l'interrogation ne soit entree. L'interrogation est egalement soumise a
un ensemble (eventuellement different) de phases de traitement dans le
but de produire une representation conceptuelle, non liee a une langue,
du contenu de l'interrogation. On peut egalement soumettre interrogations
et documents a une analyse supplementaire afin de disposer de
representations terminologiques supplementaires, notamment une extraction
des termes et expressions riches en information (tels que les noms
propres). Les documents sont mis en correspondance avec les
interrogations sur la base de leurs contenus de niveau conceptuel, et
eventuellement sur la base de la representation terminologique. La
representation de l'interrogation est ensuite comparee a la
representation de chaque document de maniere a produire une mesure du
rapport existant entre le document et l'interrogation.

Fulltext Availability:
  Detailed Description

Detailed Description
... a new, "informed" query vector. The "informed" query
  vector will be matched against all document **vectors** in the corpus or
  those
  that have already passed the cut-off filter. Relevant **documents** will be
  re- **ranked** and re-clustered.

  1. Combinina of **Vectors** . The **vector** for the original query
  and all **user - selected documents** are **weighted** and combined to form
  a new,
  single **vector** for re-ranking and re-Clustering.
  2. Re-Matching and Rankina of Corpus Documents with...

 29/5,K/52   **(Item 52 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00321195   **Image available**
**METHOD AND APPARATUS FOR SEARCHING FOR INFORMATION IN A DATA PROCESSING
    SYSTEM**
**PROCEDE ET APPAREIL POUR RECHERCHER DES INFORMATIONS DANS UN SYSTEME DE
    TRAITEMENT DES DONNEES**
Patent Applicant/Assignee:
  APPLE COMPUTER INC,
Inventor(s):
  YANAGIHARA Kazu,
  PERALTA Steven F,
  MARTHERUS Robin E,
  VAUGHAN Gregory B,
  HOLLOWAY Matthew,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9603703 A1 19960208
  Application: WO 95US9019 19950717 (PCT/WO US9509019)
  Priority Application: US 94279949 19940725
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
  GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:

Detailed Description
Claims
Fulltext Word Count: 15427

English Abstract
  A method and apparatus for processing information in a data processing
system which is coupled to an information storage device having
information stored therein. The method includes defining on a first
processor a first search request which includes at least one parameter
which specifies a first desired type of information. In performing a
first search using the first request to determine whether the first type
of desired information is stored in the information storage device. While
performing the first search the first processor executes another process
associated with searching for information in the data processing system.
This other process typically includes defining a further search request
and performing a further search using the further search request while
the first search is being performed. The apparatus of the present
invention includes a first processor coupled to the information storage
device and a second processor coupled to a network to the first
processor. An input device is coupled to the first processor which is
used to define a first search request. According to another aspect of the
invention, a first search request may be defined and the performance of
the first search request may be scheduled such that a first search may be
performed at a first scheduled search time or a report of the first
search may be retrieved at a first scheduled time. A report in summary
format is generated following performance of the first search at the
first scheduled search time.

French Abstract
  L'invention concerne un procede et un appareil pour traiter des
informations dans un systeme de traitement des donnees couple a un
dispositif de memorisation de l'information contenant des informations
memorisees. Le procede consiste a definir sur un premier processeur une
premiere demande de recherche qui comprend au moins un parametre
specifiant un premier type d'information souhaite. Une premiere recherche
est effectuee au moyen de la premiere demande pour determiner si le
premier type d'information souhaite est memorise dans le dispositif de
memorisation des informations. Pendant qu'il execute la premiere
recherche, le premier processeur effectue une autre operation associee
avec la recherche d'informations dans le systeme de traitement des
donnees. Cette autre operation comprend habituellement la definition
d'une autre demande de recherche et l'execution d'une autre recherche au
moyen d'une autre demande de recherche pendant que la premiere recherche
se deroule. L'appareil selon la presente invention comprend un premier
processeur couple au dispositif de memorisation des informations et un
second processeur couple a un reseau du premier processeur. Un dispositif
d'entree est couple au premier processeur qui est utilise pour definir
une premiere demande de recherche. Selon un autre aspect de l'invention,
on peut definir une premiere demande de recherche et on peut programmer
l'execution de la premiere demande de recherche de maniere a ce qu'une
premiere recherche puisse s'effectuer pendant un premier temps de
recherche programme ou qu'un rapport soit emis sur la premiere recherche,
pendant un premier temps programme. Un rapport en format "resume" est
produit apres l'execution de la premiere recherche pendant le premier
temps de recherche programme.

Main International Patent Class: G06F-017/30
Fulltext Availability:
  Detailed Description

Detailed Description

... to retrieve and present to the user. This is provided in order to
allow the **user** to **view** and 2 0 select the most relevant articles as
the searching software **ranks** the retrieved
 documents by relevance according to well known document **vectors** which
include parameters such as the number of times a particular desired word
(which was...

...software to retrieve and display a particular document. That is, if the
user sets a **higher** **ranking** than one star as shown in 3 0 Figure 4a
then only those **documents** meeting that minimum **ranking** , in **terms** of
relevance **ranking** , will be retrieved by the search software for
display to the **user** within the lower portion of search window 401. It
will be appreciated that ranking is...

 29/5,K/53 **(Item 53 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00321194
METHOD AND APPARATUS FOR SEARCHING FOR INFORMATION IN A NETWORK
PROCEDE ET APPAREIL DE RECHERCHE D'INFORMATIONS DANS UN RESEAU
Patent Applicant/Assignee:
 APPLE COMPUTER INC,
Inventor(s):
 VORA Kumar A,
 VAUGHAN Gregory B,
 MCLEOD Kenneth C,
 CASSERES David,
Patent and Priority Information (Country, Number, Date):
 Patent: WO 9603702 A1 19960208
 Application: WO 95US9018 19950717 (PCT/WO US9509018)
 Priority Application: US 94280274 19940725
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
 IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
 SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
 GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
Fulltext Availability:
 Detailed Description
 Claims
Fulltext Word Count: 12927

English Abstract
 A method and apparatus for maintaining information in a network of
computer systems and for controlling the display of searchable
information. The apparatus includes a first processor having a first
display device and being coupled to an information storage device having
information stored in at least one information source, where the first
processor is coupled to a network. An input device is coupled to the
first processor, where the input device is for selecting the information
source to provide a selected information source which is to be
unavailable for searching. A second processor having a second display
device is coupled to the network to communicate with the first processor.
The second display device is for displaying an indicia of information
source, where the second display device displayed the indicia of the
information source when the information source has not been selected by
the input device. When the input device has selected the information
source the indicia at some point in time after the information source has

been selected is no longer displayed on the second display device. The
method includes displaying on a first display device to a first indicia
which corresponds to an information source stored on an information
storage device. The method further includes displaying on the second
display device a second indicia corresponding to the information source,
this second indicia being displayed when the information source is not
selected by the input device. When the information source is selected, at
some time after selection, the second indicia is longer displayed on the
second display device.

French Abstract
  L'invention concerne un procede et un appareil de maintien
d'informations dans un reseau de systemes d'ordinateurs et pour commander
l'affichage d'informations susceptibles d'etre cherchees. L'appareil
comporte un premier processeur comportant un premier dispositif
d'affichage et couple a un dispositif de memorisation des informations
comportant des informations memorisees dans au moins une source
d'informations, le premier processeur etant couple a un reseau. Un
dispositif d'entree est couple au premier processeur, ce dispositif
d'entree etant prevu pour selectionner la source d'informations afin de
fournir une source d'informations selectionnee qui doit etre non
disponible pour une recherche. Un second processeur comportant un second
dispositif d'affichage est couple au reseau pour communiquer avec le
premier processeur. Le second dispositif d'affichage est prevu pour
afficher un signe de la source d'informations, le second dispositif
d'affichage affichant le signe de la source d'information lorsque la
source d'informations n'a pas ete selectionnee par le dispositif
d'entree. Lorsque le dispositif d'entree a selectionne la source
d'informations, le signe n'est plus affiche sur le second dispositif
d'affichage a un moment donne apres que l'on a selectionne la source
d'information. Le procede consiste a afficher sur un premier dispositif
d'affichage un premier signe qui correspond a une source d'informations
memorisee dans le dispositif de memorisation d'informations. Le procede
consiste en outre a afficher sur le second dispositif d'affichage un
second signe correspondant a la source d'informations, ce second signe
etant affiche lorsque la source d'informations n'est pas selectionnee par
le dispositif d'entree. Lorsque la source d'informations a ete
selectionnee, le second signe n'est plus affiche sur le second dispositif
d'affichage a un moment donne apres la selection.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... to retrieve and present to the user. This is provided in order to
allow the **user** to **view** and **select** the most relevant articles as the
searching software **ranks** the retrieved
 documents by relevance according to well known document **vectors** which
0 include parameters such as the number of times a particular desired
word (...software to retrieve and display a particular document. That is,
if the user sets a **higher** **ranking** than one star as shown in Figure 4a
then only those **documents** meeting that minimum **ranking** , in **terms** of
relevance **ranking** , will be retrieved by the search software for
display to the **user** within the lower portion of search window 401. It
will be appreciated that ranking is...

  29/5,K/54   (Item 54 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00311300   **Image available**
SYSTEM FOR DIRECTING RELEVANCE-RANKED DATA OBJECTS TO COMPUTER USERS
SYSTEME PERMETTANT DE DIRIGER DES DONNEES CLASSEES SELON LEUR PERTINENCE A DES UTILISATEURS D'ORDINATEURS
Patent Applicant/Assignee:
  APPLE COMPUTER INC,
  ROSE Daniel E,
  BORNSTEIN Jeremy J,
  TIENE Kevin,
  PONCELEON Dulce B,
Inventor(s):
  ROSE Daniel E,
  BORNSTEIN Jeremy J,
  TIENE Kevin,
  PONCELEON Dulce B,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9529452 A1 19951102
  Application: WO 95US5072 19950424   (PCT/WO US9505072)
  Priority Application: US 94231656 19940425
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR
  GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-017/30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6614

English Abstract
  An information access system stores items of information in an
unstructured global database. When a user requests access to the system,
the system delivers to that user an identification of only those items of
information which are believed to be relevant to the user's interest. The
determination as to the items of information that are relevant to a user
is carried out by ranking each available item in accordance with any one
or more techniques. In one approach, the content of each document is
matched with an adaptive profile of a user's interest. In another
approach, a feedback mechanism is provided to allow users to indicate
their degree of interest in each item of information. These indications
are used to determine whether other users, who have similar or dissimilar
interests, will find a particular item to be relevant.

French Abstract
   Systeme d'acces a des informations qui met en memoire des elements
d'information dans une base de donnees globale non structuree. Lorsqu'un
utilisateur demande l'acces au systeme, ledit systeme fournit a cet
utilisateur une identification des seuls elements d'information
consideres comme pertinents pour les interets de l'utilisateur. La
determination de la pertinence des elements d'information pour un
utilisateur est effectuee par classement de chaque element disponible
selon une ou plusieurs techniques. Dans une approche proposee, le contenu
de chaque document est compare a un profil adaptatif des interets d'un
utilisateur. Dans une autre approche, un mecanisme de reaction permet aux
utilisateurs d'indiquer leur degre d'interet pour chaque element
d'information. Ces indications sont utilisees pour determiner si d'autres
utilisateurs qui ont des interets similaires ou differents trouveront
pertinent un element particulier d'information.

Main International Patent Class: G06F-017/30
Fulltext Availability:
  Detailed Description

Detailed Description
... the user.

   Once the messages have been ranked, a list is formed in which the
   messages are **sorted** from **highest** to lowest **ranking** .

   The list of **ranked**   **messages** is provided to the **client** program,
   which
    displays some number of them through a suitable interface. One example
   of such an interface is...fixed, e.g. twenty-five, so that only the
   twenty-five current messages having the **highest** **ranking** are presented
   to the user. Alternatively, only those **messages** whose **ranking** value
   exceeds a certain limit can be displayed. Preferably, the selection
   threshold can be changed by the user.

   When the **user** desires to **view** any particular message shown in the
   window 26, that message is selected within the window...

   29/5,K/55   (Item 55 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00311299   **Image available**
SYSTEM FOR RANKING THE RELEVANCE OF INFORMATION OBJECTS ACCESSED BY
    COMPUTER USERS
SYSTEME PERMETTANT DE CLASSER PAR ORDRE D'IMPORTANCE LA PERTINENCE D'OBJETS
    D'INFORMATION AUXQUELS ONT ACCES DES UTILISATEURS D'ORDINATEURS
Patent Applicant/Assignee:
  APPLE COMPUTER INC,
  ROSE Daniel E,
  BORNSTEIN Jeremy J,
  TIENE Kevin,
  PONCELEON Dulce B,
Inventor(s):
  ROSE Daniel E,
  BORNSTEIN Jeremy J,
  TIENE Kevin,
  PONCELEON Dulce B,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9529451 A1 19951102
  Application: WO 95US5070 19950424   (PCT/WO US9505070)
  Priority Application: US 94231655 19940425
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR
  GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5826

English Abstract

Information presented to a user via an information access system is ranked according to a prediction of the likely degree of relevance to the user's interests. A profile of interests is stored for each user having access to the system. Items of information to be presented to a user are ranked according to their likely degree of relevance to that user and displayed in order of ranking. The prediction of relevance is carried out by combining data pertaining to the content of each item of information with other data regarding correlations of interests between users. A value indicative of the content of a document can be added to another value which defines user correlation, to produce a ranking score for a document. Alternatively, multiple regression analysis or evolutionary programming can be carried out with respect to various factors pertaining to document content and user correlation, to generate a prediction of relevance. The user correlation data is obtained from feedback information provided by users when they retrieve items of information. Preferably, the user provides an indication of interest in each document which he or she retrieves from the system.

French Abstract
   Des informations presentees a un utilisateur par l'intermediaire d'un systeme d'acces aux informations sont classees selon une prevision de leur degre vraisemblable de pertinence au vu des interets de l'utilisateur. Un profil d'interets est mis en memoire pour chaque utilisateur ayant acces au systeme. Des elements d'information a presenter a un utilisateur sont classes selon leur degre vraisemblable de pertinence pour ledit utilisateur et affiches selon l'ordre de classement. La prevision de pertinence est effectuee par combinaison de donnees relatives au contenu de chaque element d'information avec d'autres donnes relatives a des correlations d'interets entre les utilisateurs. Une valeur indicatrice du contenu d'un document peut etre ajoutee a une autre valeur qui definit une correlation entre utilisateurs, pour produire un chiffre de classement pour ledit document. Dans une variante, une analyse de regression multiple ou une programmation evolutive peuvent etre effectuees sur la base de divers facteurs relatifs au contenu du document et a la correlation entre utilisateurs, pour produire une prevision de la pertinence. Les donnees de correlation entre utilisateurs sont obtenues a partir de reactions communiquees par les utilisateurs lorsqu'ils recuperent des elements d'information. De preference, l'utilisateur fournit une indication de son interet pour chaque document qu'il recupere dans le systeme.

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... user are ranked. Those messages which are particularly pertinent to the user's interests are **highly   ranked** , whereas junk mail **messages** are given a low ranking.

A list of the **ranked   messages** is provided to the **client** program, which
 displays some number of them through a suitable interface. Preferably, the **messages** are **sorted** and displayed in order from the highest to the lowest ranking. One example of such...
?